

Converting Colors

HunterLab(68.0025, -23.2326,
-20.2381)

Have a look what the booklet for
HunterLab(68.0025, -23.2326,
-20.2381) contains.

HunterLab(67.9749, -23.2413, -20.0319)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(67.9749,
-23.2413, -20.0319)**

Conversions

Conversions Part 1

Format	Color
Hex	52C3E0
RGB	82, 195, 224
RGB Percent	32%, 76%, 88%
CMY	0.6784, 0.2353, 0.1216
CMYK	0.63, 0.13, 0.00, 0.12
HSL	192°, 70%, 60%
HSV	192°, 63%, 88%
XYZ	36.4493, 46.2059, 77.5186
YIQ	164.5190, -76.6570, -14.9370

Conversions

Conversions Part 2

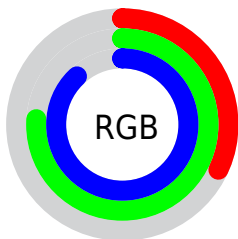
Format	Color
R _Y B	82, 145, 224
Decimal	5424096
CIE Lab	73.68, -23.28, -23.97
CIE LCh	74, 33.414, 225.825
Yxy	46.2076, 0.2276, 0.2885
Android (android.graphics.Color)	4283614176 (0xFF52C3E0)
YUV	164.5190, 29.3241, -72.3692
Hunter-Lab	67.9749, -23.2413, -20.0319

Details

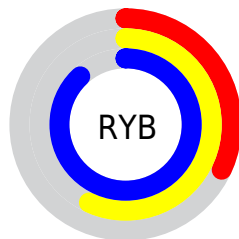
The HunterLab color **67.9749, -23.2413, -20.0319** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **52.7513, 36.0980, 24.1632**, and the grayscale version is **61.0501, -3.2575, 3.3170**.

A 20% lighter version of the original color is **91.0278, -32.7445, -6.1041**, and **46.8127, -18.2963, -19.0153** is the 20% darker color. If you saturate the color by 10%, you get **65.8355, -23.5674, -23.3556**, and if you desaturate by 10%, it is **70.3296, -22.1446, -16.5030**.

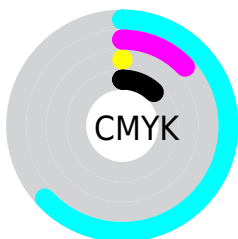
Distribution



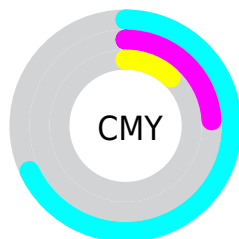
- Red (32%)
- Green (76%)
- Blue (88%)



- Red (32%)
- Yellow (57%)
- Blue (88%)



- Cyan (63%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.9749, -23.2413, -20.0319 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 67.9749, -23.2413, -20.0319 by changing the saturation by 10% instead.

67.9749, -23.2413,
-20.0319

67.9749, -23.2413,
-20.0319

192.7803,
-38.9183, -20.6809

56.9295, -21.3835,
-19.6851

91.9400, -26.8420,
-20.5418

46.5560, -19.4697,
-19.2785

104.7962,
-28.6026, -20.7114

36.9026, -17.4798,
-18.8148

118.2014,
-30.3451, -20.8270

28.0276, -15.3831,
-18.3070

132.1340,
-32.0741, -20.8913

20.0065, -13.1298,
-17.7936

146.5746,
-33.7933, -20.9067

12.9422, -10.6309,
-17.3898

161.5061,

6.3828, -11.1699,

-35.5055, -20.8754

-20.0675

176.9127,
-37.2131, -20.7995

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.9749, -23.2413,
-20.0319

■ 67.9749, -23.2413,
-20.0319

■ 65.8355, -23.5674,
-23.3556

■ 70.3296, -22.1446,
-16.5030

■ 63.9024, -23.1324,
-26.4603

■ 72.8953, -20.2945,
-12.7971

■ 62.1636, -21.9844,
-29.3418

■ 75.6690, -17.7268,
-8.9405

■ 61.0936, -20.9387,
-31.1610

■ 78.6438, -14.4890,
-4.9605

■ 81.8113, -10.6349,

-0.8829

■ 85.1618, -6.2204,
3.2698

■ 88.6855, -1.3011,
7.4780

■ 91.7225, 1.8650,
10.9658

■ 93.1307, -0.5601,
12.4804

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.9762, -30.0778, -4.5246



67.9749, -23.2413, -20.0319



67.9762, -10.8004, -30.0668

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.9762, -23.2413, -20.0308



67.9762, 27.8641, -3.6418



67.9762, -11.5958, 25.7753

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.9749, -23.2413, -20.0319



52.7513, 36.0980, 24.1632

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.9762, 3.8491, 25.9081



67.9749, -23.2413, -20.0319



67.9762, 27.6024, 11.0104

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.9762, -23.2413, -20.0308



67.9762, 19.1767, -19.2606



67.9762, 18.4907, 21.1058



67.9762, -23.7784, 20.6898

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9749, -23.2413, -20.0319



67.9762, -0.5685, -31.1238



67.9762, 18.4907, 21.1058



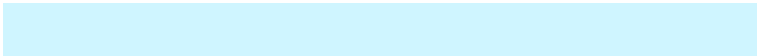
67.9762, -6.6396, 26.3544

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.9762, -23.2413, -20.0308



92.6225, -14.9670, -3.7493



74.9939, -52.7572, 33.5326



42.3688, -7.4997, -2.3613

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.9762, -23.2413, -20.0308



75.5211, -27.2314, -28.2155



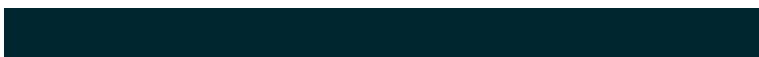
46.6301, 11.1071, -60.7407



38.8227, -4.1842, 0.3490



46.7907, -16.2221, -23.4654



12.8029, -4.9238, -5.3734

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.8168, 64.2536, -27.8026



54.3570, 86.2728, -35.4297



70.4761, 0.4439, 36.7179



37.2628, 2.6630, -0.4229



33.3440, 62.7825, -22.4832



8.8483, 16.7754, -6.8584

Previews

White Background



This preview shows how the HunterLab color 67.9749, -23.2413, -20.0319 looks on a white background.

Color Contrast Check

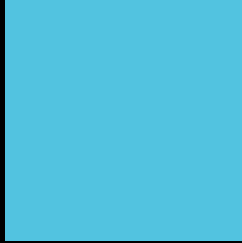
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 67.9749, -23.2413, -20.0319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

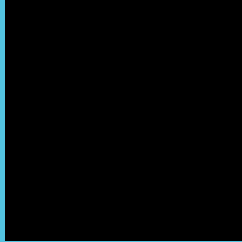
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 67.9749, -23.2413, -20.0319 Background



This preview shows how black text looks on a background with the HunterLab color 67.9749, -23.2413, -20.0319.



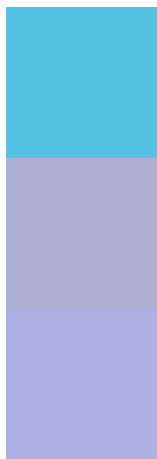
This preview shows how white text looks on a background with the HunterLab color 67.9749, -23.2413, -20.0319.

-23.2413, -20.0319.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.9749, -23.2413, -20.0319

Protanopia

67.4377, 1.1934, -13.1862

Deuteranopia

67.3964, 5.3237, -22.9479



Tritanopia

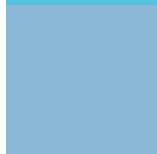
68.0243, -27.3133, -13.4298

Trichromacy



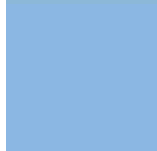
Original Color

67.9749, -23.2413, -20.0319



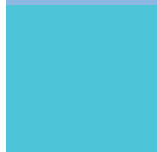
Protanomaly

66.9435, -9.5597, -16.4555



Deuteranomaly

67.0089, -6.8606, -23.1311



Tritanomaly

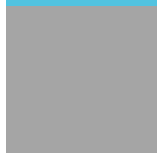
67.9038, -25.7588, -15.9272

Monochromacy



Original Color

67.9749, -23.2413, -20.0319



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

63.0450, -12.9885, -5.0669

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.9749, -23.2413, -20.0319 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(82, 195, 224)` looks like.

```
.text, #text, p{  
    color:rgb(82, 195, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(82, 195, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 195, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 67.9749, -23.2413, -20.0319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(82, 195, 224) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(82, 195, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(82, 195, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 195, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 195, 224);  
box-shadow:4px 4px 4px 4px rgb(82, 195,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.9749, -23.2413, -20.0319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 195, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(82, 195,  
224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor