

Converting Colors

HunterLab(64.2610, -22.6025,
-19.8718)

Have a look what the booklet for
HunterLab(64.2610, -22.6025,
-19.8718) contains.

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Color

**HunterLab(64.3146,
-22.5627, -20.0319)**

Conversions

Conversions Part 1

Format	Color
Hex	47BAD7
RGB	71, 186, 215
RGB Percent	28%, 73%, 84%
CMY	0.7215, 0.2706, 0.1569
CMYK	0.67, 0.13, 0.00, 0.16
HSL	192°, 64%, 56%
HSV	192°, 67%, 84%
XYZ	32.4232, 41.3637, 70.5650
YIQ	154.9210, -77.8490, -15.3610

Conversions

Conversions Part 2

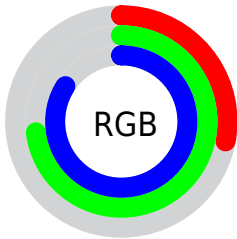
Format	Color
RYB	71, 135, 215
Decimal	4700887
CIELab	70.43, -23.18, -24.06
CIELCh	70, 33.409, 226.065
Yxy	41.3652, 0.2246, 0.2866
Android (android.graphics.Color)	4282890967 (0xFF47BAD7)
YUV	154.9210, 29.6189, -73.5987
Hunter-Lab	64.3146, -22.5627, -20.0319

Details

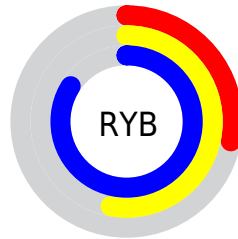
The HunterLab color **64.3146, -22.5627, -20.0319** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **49.0081, 37.0530, 23.6336**, and the grayscale version is **57.1276, -3.0482, 3.1039**.

A 20% lighter version of the original color is **87.1063, -29.9055, -11.2449**, and **43.9467, -17.0664, -18.0881** is the 20% darker color. If you saturate the color by 10%, you get **62.3651, -22.6491, -23.0881**, and if you desaturate by 10%, it is **66.4673, -21.7441, -16.7722**.

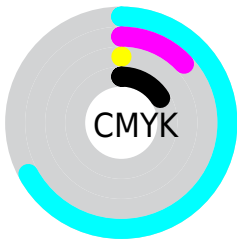
Distribution



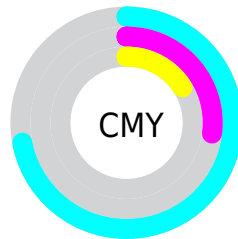
- Red (28%)
- Green (73%)
- Blue (84%)



- Red (28%)
- Yellow (53%)
- Blue (84%)



- Cyan (67%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (72%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3146, -22.5627, -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 64.3146, -22.5627, -20.0319 by changing the saturation by 10% instead.

■ 64.3146, -22.5627,
-20.0319

■ 64.3146, -22.5627,
-20.0319

187.5752,
-38.2419, -20.8544

■ 53.4832, -20.6945,
-19.6626

■ 87.8851, -26.1739,
-20.5859

■ 43.3381, -18.7652,
-19.2343

■ 100.5579,
-27.9365, -20.7763

■ 33.9305, -16.7519,
-18.7520

■ 113.7872,
-29.6795, -20.9120

■ 25.3236, -14.6191,
-18.2347

■ 127.5507,
-31.4079, -20.9955

■ 17.6003, -12.3080,
-17.7376

141.8282,
-33.1254, -21.0292

■ 10.8764, -10.3075,
-17.4333

156.6020,

■ 2.1844, -3.8227,

-34.8354, -21.0156

-51.5861

171.8559,
-36.5402, -20.9566

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.3146, -22.5627,
-20.0319

■ 64.3146, -22.5627,
-20.0319

■ 62.3651, -22.6491,
-23.0881

■ 66.4673, -21.7441,
-16.7722

■ 60.6080, -22.0240,
-25.9319

■ 68.8211, -20.2016,
-13.3335

■ 59.0258, -20.7572,
-28.5704


■ 71.3742, -17.9632,
-9.7398

■ 58.5647, -20.3110,
-29.3552

■ 74.1212, -15.0705,
-6.0172

■ 77.0544, -11.5725,

-2.1909

 80.1654, -7.5218,
1.7167

 83.4447, -2.9715,
5.6857

 86.8830, 2.0273,
9.6996

 89.4435, 3.9727,
12.5674

Harmonies

Analogous

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



64.3158, -29.2839, -4.7164



64.3146, -22.5627, -20.0319



64.3158, -10.3532, -29.9286

Triad

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



64.3158, -22.5627, -20.0308



64.3158, 27.6091, -3.5938



64.3158, -11.3590, 24.9700

Complementary

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



64.3146, -22.5627, -20.0319



49.0081, 37.0530, 23.6336

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.



64.3158, 3.7882, 25.1349



64.3146, -22.5627, -20.0319



64.3158, 27.2755, 10.7592

Square

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



64.3158, -22.5627, -20.0308



64.3158, 19.0998, -19.0455



64.3158, 18.2271, 20.5390



64.3158, -23.2396, 20.0192

Rectangle

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



64.3146, -22.5627, -20.0319



64.3158, -0.3040, -30.9197



64.3158, 18.2271, 20.5390



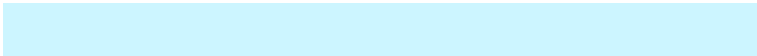
64.3158, -6.5076, 25.5395

Sweetspot

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



64.3158, -22.5627, -20.0308



92.3030, -15.4814, -4.1648



71.3146, -51.7362, 33.0550



42.2353, -7.7232, -2.5369

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3158, -22.5627, -20.0308



74.8163, -27.2858, -29.3504



42.8106, 12.2481, -62.4445



36.9638, -3.9859, 0.3513



45.4619, -15.9393, -22.4150



11.6482, -4.5636, -4.7077

Inverse Universe

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



47.4342, 64.2842, -27.7129



53.3652, 89.0766, -36.1768



66.5827, 1.1102, 35.7378



35.4793, 2.5147, -0.4019



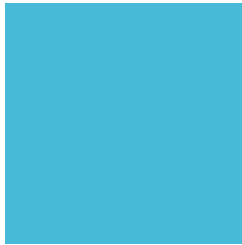
32.2975, 60.8531, -22.0958



8.0018, 15.1918, -6.3673

Previews

White Background



This preview shows how the HunterLab color 64.3146, -22.5627, -20.0319 looks on a white background.

Color Contrast Check

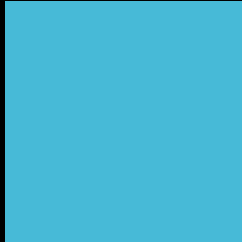
Large Text (above 18pt) WCAG AA × Fail

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 64.3146, -22.5627, -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

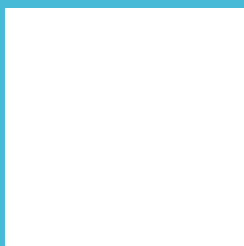
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.3146, -22.5627, -20.0319 Background



This preview shows how black text looks on a background with the HunterLab color 64.3146, -22.5627, -20.0319.



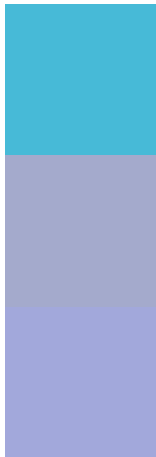
This preview shows how white text looks on a background with the HunterLab color 64.3146, -22.5627, -20.0319.

-22.5627, -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

64.3146, -22.5627, -20.0319

Protanopia

64.0325, 1.0760, -13.4204

Deuteranopia

63.8758, 4.7171, -22.7640



Tritanopia

64.3181, -26.8646, -12.9208

Trichromacy



Original Color

64.3146, -22.5627, -20.0319

Protanomaly

63.5221, -9.6749, -16.7261

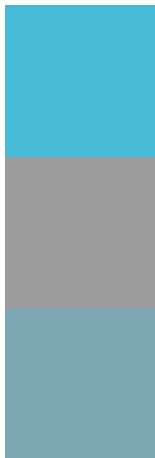
Deuteranomaly

63.5524, -7.1874, -22.8462

Tritanomaly

64.2175, -25.2466, -15.3733

Monochromacy



Original Color

64.3146, -22.5627, -20.0319

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

58.9337, -12.6200, -5.7527

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3146, -22.5627, -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(71, 186, 215)` looks like.

```
.text, #text, p{  
    color:rgb(71, 186, 215)  
}
```

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(71, 186, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 186, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3146, -22.5627, -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(71, 186, 215) }
```


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

```
.border{ border-color:rgb(71, 186, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 186, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 186, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 186, 215);  
box-shadow:4px 4px 4px 4px rgb(71, 186,  
215) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3146, -22.5627, -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(71, 186, 215) }
```

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

```
.background{ background-color: rgb(71, 186,  
215) }
```

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](#).

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