

Converting Colors

HunterLab(23.2535, 12.7916,
-20.8407)

Have a look what the booklet for
HunterLab(23.2535, 12.7916,
-20.8407) contains.

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Color

**HunterLab(23.2072, 12.9952,
-21.0095)**

Conversions

Conversions Part 1

Format	Color
Hex	4B386B
RGB	75, 56, 107
RGB Percent	29%, 22%, 42%
CMY	0.7059, 0.7804, 0.5804
CMYK	0.30, 0.48, 0.00, 0.58
HSL	262°, 31%, 32%
HSV	262°, 48%, 42%
XYZ	6.9697, 5.3857, 14.5821
YIQ	67.4950, -5.0470, 19.8890

Conversions

Conversions Part 2

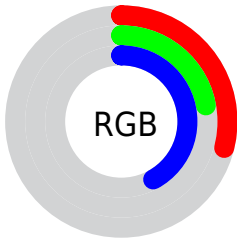
Format	Color
R_{YB}	75, 56, 107
Decimal	4929643
CIE _{Lab}	27.81, 20.46, -26.80
CIE _{LCh}	28, 33.713, 307.361
Yxy	5.3859, 0.2587, 0.1999
Android (android.graphics.Color)	4283119723 (0xFF4B386B)
YUV	67.4950, 19.4760, 6.5819
Hunter-Lab	23.2072, 12.9952, -21.0095

Details

The HunterLab color $[23.2072, 12.9952, -21.0095]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[35.8827, -13.0689, 15.6997]$, and the grayscale version is $[23.8007, -1.2699, 1.2931]$.

A 20% lighter version of the original color is $[40.6985, 14.5911, -22.4510]$, and $[9.3633, 10.7866, -20.2419]$ is the 20% darker color. If you saturate the color by 10%, you get $[20.4957, 16.4557, -27.3215]$, and if you desaturate by 10%, it is $[26.1181, 9.6397, -15.3141]$.

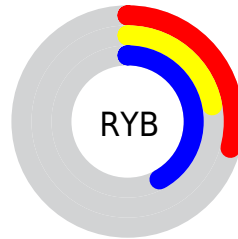
Distribution



Red (29%)

Green (22%)

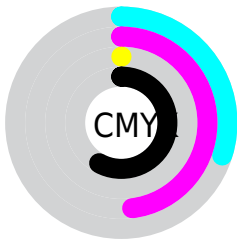
Blue (42%)



Red (29%)

Yellow (22%)

Blue (42%)

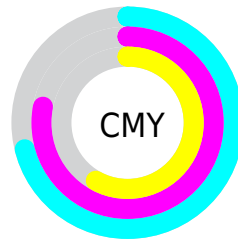


Cyan (30%)

Magenta (48%)

Yellow (0%)

Black (58%)



Cyan (71%)

Magenta (78%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2072, 12.9952, -21.0095 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 23.2072, 12.9952, -21.0095 by changing the saturation by 10% instead.

■ 23.2072, 12.9952,
-21.0095

■ 23.2072, 12.9952,
-21.0095

■ 123.8888, 16.5525,
-24.4872

■ 15.7335, 12.0546,
-20.5783

■ 40.7960, 14.4438,
-22.0921

■ 9.2968, 10.9480,
-20.5962

■ 50.7529, 14.9921,
-22.5995

0.0000, INF, -NF

■ 61.4094, 15.4428,
-23.0557

0.0000, NaN, -NF

■ 72.7222, 15.8070,
-23.4552

0.0000, NaN, NaN

■ 84.6553, 16.0935,
-23.7969

0.0000, NaN, NaN

■ 97.1779, 16.3095,

0.0000, NaN, NaN

0.0000, NaN, NaN

-24.0815

0.0000, NaN, NaN

110.2635, 16.4608,
-24.3110

■ 23.2072, 12.9952,
-21.0095

■ 23.2072, 12.9952,
-21.0095

■ 20.4957, 16.4557,
-27.3215

■ 26.1181, 9.6397,
-15.3141

■ 18.0297, 19.9618,
-34.2832

■ 29.1914, 6.4014,
-10.1527

■ 15.8715, 23.3562,
-41.7737

■ 32.4009, 3.2707,
-5.4312

■ 14.0944, 26.3255,
-49.3684

■ 35.7268, 0.2315,
-1.0654

■ 12.6342, 28.9338,
-56.9856

■ 39.1537, -2.7332,
3.0147

■ 12.2880, 29.6821,
-59.0249

■ 42.6698, -5.6389,
6.8661

■ 46.2656, -8.4988,
10.5340

■ 49.9337, -11.3240,
14.0542

■ 53.6677, -14.1233,
17.4553

Harmonies

Analogous

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



23.2076, 1.5247, -28.7408



23.2072, 12.9952, -21.0095



23.2076, 21.6087, -7.8619

Triad

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



23.2076, 12.9950, -21.0088



23.2076, 7.4491, 13.1989



23.2076, -18.6704, -1.4568

Complementary

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



23.2072, 12.9952, -21.0095



35.8827, -13.0689, 15.6997

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.



23.2076, -17.6729, 7.7348



23.2072, 12.9952, -21.0095



23.2076, -3.8802, 13.6518

Square

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



23.2076, 12.9950, -21.0088



23.2076, 18.0144, 10.4377



23.2076, -12.7009, 12.2209



23.2076, -15.7359, -14.5063

Rectangle

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



23.2072, 12.9952, -21.0095



23.2076, 23.8085, 0.3204



23.2076, -12.7009, 12.2209



23.2076, -18.7728, 2.1682

Sweetspot

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



23.2076, 12.9950, -21.0088



44.7951, 3.0358, -5.3118



29.8852, -5.7151, -9.2813



21.6744, 1.8312, -3.1039



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



23.2076, 12.9950, -21.0088



27.0981, 22.4642, -37.4064



25.7115, 19.8877, -15.8847



17.5356, 0.3093, -0.8030



13.4919, 32.6768, -65.4790



29.6898, 73.0077, -152.6193

Inverse Universe

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



25.8048, 18.7516, -4.9839



31.6183, 31.2091, -7.8832



34.4256, -18.7184, 14.4412



17.7361, 0.8862, 0.2589



20.7165, 37.8381, -4.9113



46.5792, 84.7482, -8.5052

Previews

White Background



This preview shows how the HunterLab color 23.2072, 12.9952, -21.0095 looks on a white 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

Black Background



This preview shows how the HunterLab color 23.2072, 12.9952, -21.0095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

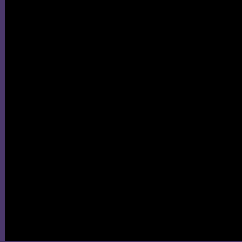
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 23.2072, 12.9952, -21.0095 Background



This preview shows how black text looks on a background with the HunterLab color 23.2072, 12.9952, -21.0095.



This preview shows how white text looks on a background with the HunterLab color 23.2072, 12.9952, -21.0095.

-21.0095.

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

23.2072, 12.9952, -21.0095

Protanopia

23.2770, 4.6948, -26.8885

Deuteranopia

23.3491, 1.4663, -19.5232



Tritanopia

23.3489, 0.2664, -0.3214

Trichromacy



Original Color

23.2072, 12.9952, -21.0095

Protanomaly

23.0642, 7.3807, -25.0649

Deuteranomaly

23.0176, 5.4711, -20.8445

Tritanomaly

23.2581, 4.4451, -6.4525

Monochromacy



Original Color

23.2072, 12.9952, -21.0095

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

23.3801, 3.5667, -5.7741

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2072, 12.9952, -21.0095 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(75, 56, 107)` looks like.

```
.text, #text, p{  
    color:rgb(75, 56, 107)  
}
```

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(75, 56, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 56, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2072, 12.9952, -21.0095 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(75, 56, 107) }
```


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

```
.border{ border-color:rgb(75, 56, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 56, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 56, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 56, 107);  
box-shadow:4px 4px 4px 4px rgb(75, 56,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.2072, 12.9952, -21.0095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 56, 107) }
```

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

```
.background{ background-color: rgb(75, 56,  
107) }
```

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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