

Converting Colors

HunterLab(60.4000, -12.7075,
-23.4997)

Have a look what the booklet for
HunterLab(60.4000, -12.7075,
-23.4997) contains.

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Color

**HunterLab(60.4000,
-12.7075, -23.4997)**

Conversions

Conversions Part 1

Format	Color
Hex	63ABD3
RGB	99, 171, 211
RGB Percent	39%, 67%, 83%
CMY	0.6117, 0.3294, 0.1725
CMYK	0.53, 0.19, 0.00, 0.17
HSL	201°, 56%, 61%
HSV	201°, 53%, 83%
XYZ	31.4664, 36.4816, 67.0112
YIQ	154.0320, -55.7520, -2.8240

Conversions

Conversions Part 2

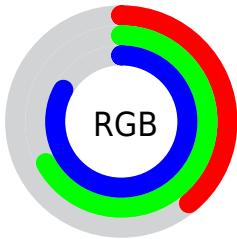
Format	Color
RYB	99, 143, 211
Decimal	6532051
CIELab	66.89, -11.38, -27.21
CIElCh	67, 29.496, 247.311
Yxy	36.4829, 0.2332, 0.2703
Android (android.graphics.Color)	4284722131 (0xFF63ABD3)
YUV	154.0320, 28.0852, -48.2631
Hunter-Lab	60.4000, -12.7075, -23.4997

Details

The HunterLab color $60.4000, -12.7075, -23.4997$ is a light color, and the websafe version is hex $3399CC$. A complement of this color would be $57.6336, 17.9163, 23.6822$, and the grayscale version is $56.7658, -3.0289, 3.0842$.

A 20% lighter version of the original color is $82.8738, -18.0437, -16.9342$, and $39.9613, -10.4112, -22.2240$ is the 20% darker color. If you saturate the color by 10%, you get $57.1659, -12.3845, -28.9101$, and if you desaturate by 10%, it is $63.8430, -12.3411, -18.1099$.

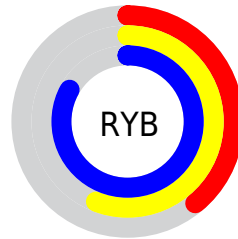
Distribution



Red (39%)

Green (67%)

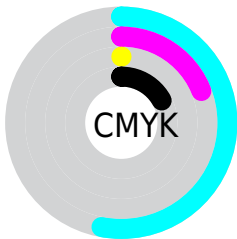
Blue (83%)



Red (39%)

Yellow (56%)

Blue (83%)

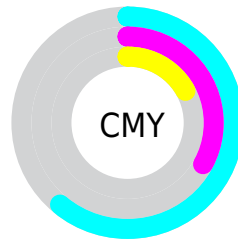


Cyan (53%)

Magenta (19%)

Yellow (0%)

Black (17%)



Cyan (61%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.4000, -12.7075, -23.4997 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 60.4000, -12.7075, -23.4997 by changing the saturation by 10% instead.

■ 60.4000, -12.7075,
-23.4997

■ 60.4000, -12.7075,
-23.4997

181.9523,
-23.6425, -25.2931

■ 49.8070, -11.5122,
-23.0272

■ 83.5325, -15.0914,
-24.2727

■ 39.9170, -10.3065,
-22.5071

■ 96.0021, -16.2876,
-24.5743

■ 30.7851, -9.0806,
-21.9561

■ 109.0369,
-17.4900, -24.8204

■ 22.4805, -7.8183,
-21.4197

■ 122.6135,
-18.7002, -25.0133

■ 15.0958, -6.4913,
-21.0208

136.7110,
-19.9198, -25.1548

■ 8.7319, -6.1440,
-21.2787

151.3109,

0.0000, NaN, -NF

-21.1495, -25.2473

0.0000, NaN, -NF

166.3964,
-22.3902, -25.2928

0.0000, NaN, NaN

■ 60.4000, -12.7075,
-23.4997

■ 60.4000, -12.7075,
-23.4997

■ 57.1659, -12.3845,
-28.9101

■ 63.8430, -12.3411,
-18.1099

■ 54.1490, -11.3236,
-34.3117

■ 67.4781, -11.3435,
-12.7692

■ 51.3586, -9.4970,
-39.6655

■ 71.2929, -9.7762,
-7.4937

■ 48.7953, -6.9145,
-44.9371

■ 75.2738, -7.6993,
-2.2937

■ 47.1288, -4.7863,
-48.5746

■ 79.4084, -5.1687,
2.8257

■ 83.6848, -2.2355,
7.8636

■ 88.0923, 1.0549,
12.8217

■ 91.2561, 0.0214,
16.1912

■ 93.5913, -3.9342,
18.5600

Harmonies

Analogous

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



60.4011, -22.1162, -13.2540



60.4000, -12.7075, -23.4997



60.4011, 0.0378, -25.8967

Triad

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



60.4011, -12.7076, -23.4986



60.4011, 24.0658, 6.2803



60.4011, -17.8533, 19.5109

Complementary

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



60.4000, -12.7075, -23.4997



57.6336, 17.9163, 23.6822

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.



60.4011, -6.4221, 22.6674



60.4000, -12.7075, -23.4997



60.4011, 18.3150, 16.1679

Square

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



60.4011, -12.7076, -23.4986



60.4011, 22.0192, -6.7862



60.4011, 6.8789, 21.5907



60.4011, -24.9042, 11.8790

Rectangle

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



60.4000, -12.7075, -23.4997



60.4011, 8.8657, -22.3393



60.4011, 6.8789, 21.5907



60.4011, -14.4357, 21.0466

Sweetspot

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



60.4011, -12.7076, -23.4986



91.7164, -10.3992, -4.8259



71.4723, -42.5527, 23.2853



41.9557, -5.0641, -2.8522

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.4011, -12.7076, -23.4986



70.2053, -15.1951, -36.9042



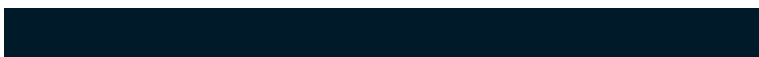
44.4994, 14.8955, -54.4316



35.5908, -3.1612, -0.1867



36.8839, -4.1555, -37.1312



9.5271, -2.2226, -7.1101

Inverse Universe

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



50.7091, 47.4071, -12.9726



57.3566, 71.0880, -17.8392



73.0913, -9.5794, 35.2943



34.5462, 2.1894, 0.2761



30.7321, 56.1660, -7.5547



7.3683, 13.6446, -3.1928

Previews

White Background



This preview shows how the HunterLab color 60.4000, -12.7075, -23.4997 looks on a white background.

Color Contrast Check

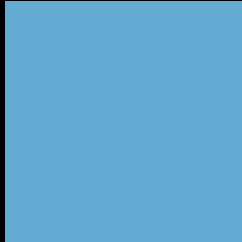
Large Text (above 18pt) WCAG AA × Fail

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 60.4000, -12.7075, -23.4997 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

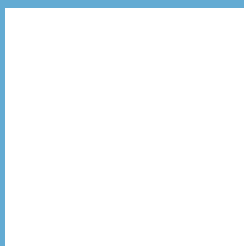
Any Text WCAG AAA ✓ Pass

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

HunterLab 60.4000, -12.7075, -23.4997 Background



This preview shows how black text looks on a background with the HunterLab color 60.4000, -12.7075, -23.4997.



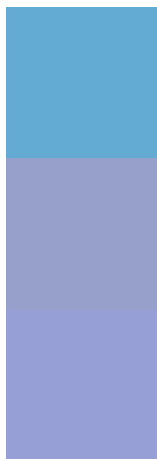
This preview shows how white text looks on a background with the HunterLab color 60.4000, -12.7075, -23.4997.

-12.7075, -23.4997.

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

60.4000, -12.7075, -23.4997

Protanopia

60.0273, 2.3391, -18.7765

Deuteranopia

60.1127, 5.0082, -25.6188



Tritanopia

60.4634, -20.7000, -10.3149

Trichromacy



Original Color

60.4000, -12.7075, -23.4997

Protanomaly

59.9272, -3.8030, -20.9114

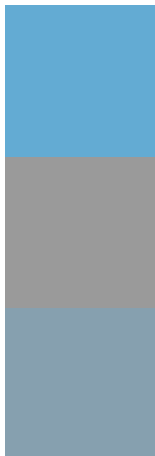
Deuteranomaly

59.8530, -1.9500, -25.5117

Tritanomaly

60.5665, -18.0766, -14.7057

Monochromacy



Original Color

60.4000, -12.7075, -23.4997

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

57.7106, -7.7692, -6.2425

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.4000, -12.7075, -23.4997 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(99, 171, 211)` looks like.

```
.text, #text, p{  
    color:rgb(99, 171, 211)  
}
```

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(99, 171, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 171, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 60.4000, -12.7075, -23.4997 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(99, 171, 211) }
```


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

```
.border{ border-color:rgb(99, 171, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 171, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 171, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 171, 211);  
box-shadow:4px 4px 4px 4px rgb(99, 171,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.4000, -12.7075, -23.4997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 171, 211) }
```

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

```
.background{ background-color: rgb(99, 171,  
211) }
```

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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