

Converting Colors

HunterLab(45.4002, 5.2733,
-31.8737)

Have a look what the booklet for
HunterLab(45.4002, 5.2733,
-31.8737) contains.

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Color

**HunterLab(45.4002, 5.2733,
-31.8737)**

Conversions

Conversions Part 1

Format	Color
Hex	687BB9
RGB	104, 123, 185
RGB Percent	41%, 48%, 73%
CMY	0.5921, 0.5176, 0.2745
CMYK	0.44, 0.34, 0.00, 0.27
HSL	226°, 37%, 57%
HSV	226°, 44%, 73%
XYZ	21.5489, 20.6118, 48.7417
YIQ	124.3870, -31.2260, 15.2540

Conversions

Conversions Part 2

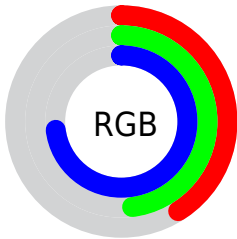
Format	Color
RYB	104, 119, 185
Decimal	6847417
CIELab	52.52, 9.53, -34.85
CIELCh	53, 36.132, 285.291
Yxy	20.6125, 0.2371, 0.2267
Android (android.graphics.Color)	4285037497 (0xFF687BB9)
YUV	124.3870, 29.8822, -17.8794
Hunter-Lab	45.4002, 5.2733, -31.8737

Details

The HunterLab color $45.4002, 5.2733, -31.8737$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $62.1186, -4.8485, 25.6911$, and the grayscale version is $44.9428, -2.3980, 2.4418$.

A 20% lighter version of the original color is $66.5432, 5.0860, -33.0556$, and $27.1592, 5.0262, -30.8323$ is the 20% darker color. If you saturate the color by 10%, you get $40.4490, 8.6518, -42.2032$, and if you desaturate by 10%, it is $50.6112, 2.5068, -22.5400$.

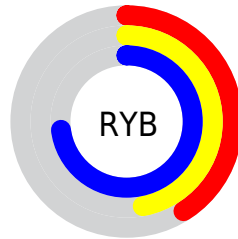
Distribution



Red (41%)

Green (48%)

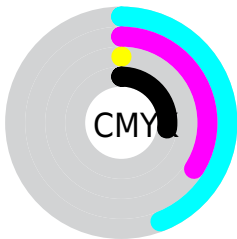
Blue (73%)



Red (41%)

Yellow (47%)

Blue (73%)

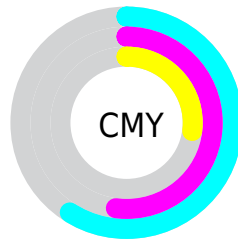


Cyan (44%)

Magenta (34%)

Yellow (0%)

Black (27%)



Cyan (59%)

Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.4002, 5.2733, -31.8737 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 45.4002, 5.2733, -31.8737 by changing the saturation by 10% instead.

■ 45.4002, 5.2733,
-31.8737

■ 45.4002, 5.2733,
-31.8737

■ 159.7536, 2.9654,
-36.0026

■ 35.8344, 5.2392,
-31.2549

■ 66.6647, 5.1262,
-33.0989

■ 27.0540, 5.1186,
-30.7116

■ 78.2741, 4.9606,
-33.6609

■ 19.1377, 4.8945,
-30.3982

■ 90.4887, 4.7413,
-34.1763

■ 12.1927, 4.5410,
-30.7343

■ 103.2799, 4.4724,
-34.6420

■ 5.2848, 7.5745,
-41.7920

■ 116.6228, 4.1576,
-35.0569

0.0000, NaN, -NF

0.0000, NaN, -NF

130.4953, 3.7999,

-35.4214

0.0000, NaN, NaN

144.8781, 3.4017,
-35.7362

0.0000, NaN, NaN

■ 45.4002, 5.2733,
-31.8737

■ 45.4002, 5.2733,
-31.8737

■ 40.4490, 8.6518,
-42.2032

■ 50.6112, 2.5068,
-22.5400

■ 35.8095, 12.7794,
-53.7064

■ 56.0387, 0.2335,
-14.0275

■ 31.5551, 17.7888,
-66.4864

■ 61.6528, -1.6430,
-6.1789

■ 27.7802, 23.7466,
-80.4270

■ 67.4297, -3.1989,
1.1352

■ 24.5992, 30.5212,
-94.9366

■ 73.3508, -4.4937,
8.0190

■ 22.9332, 34.8629,
-103.9236

■ 79.4015, -5.5740,
14.5556

■ 85.5696, -6.4764,
20.8112

■ 91.8455, -7.2298,
26.8383

■ 96.6505, -13.4070,
31.1640

Harmonies

Analogous

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



45.4010, -9.3820, -31.9912



45.4002, 5.2733, -31.8737



45.4010, 19.4626, -20.8091

Triad

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



45.4010, 5.2732, -31.8726



45.4010, 19.2229, 17.7297



45.4010, -26.6595, 8.7828

Complementary

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



45.4002, 5.2733, -31.8737



62.1186, -4.8485, 25.6911

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.



45.4010, -20.8191, 17.6110



45.4002, 5.2733, -31.8737



45.4010, 4.9781, 21.5459

Square

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



45.4010, 5.2732, -31.8726



45.4010, 28.1872, 9.0065



45.4010, -9.6420, 21.5108



45.4010, -26.6018, -5.2078

Rectangle

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



45.4002, 5.2733, -31.8737



45.4010, 26.2152, -10.2678



45.4010, -9.6420, 21.5108



45.4010, -25.3572, 12.3363

Sweetspot

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



45.4010, 5.2732, -31.8726



82.9431, -2.3280, -7.6937



63.5209, -27.3438, 5.5469



37.7340, -0.8458, -4.6086



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



45.4010, 5.2732, -31.8726



54.0777, 11.6205, -56.6020



42.0810, 19.9179, -38.3911



30.0871, -1.1111, -1.3426



19.1740, 27.9660, -84.3364



4.7635, 2.2167, -10.7392

Inverse Universe

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



46.5251, 28.0547, 5.2786



56.7220, 47.4382, 8.8439



66.0837, -20.2606, 28.6146



30.0763, 1.3067, 1.7065



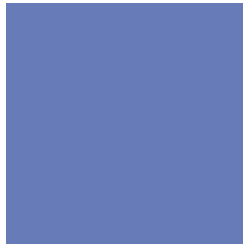
26.7460, 46.2907, 13.5044



5.1186, 9.0474, 1.1240

Previews

White Background



This preview shows how the HunterLab color 45.4002, 5.2733, -31.8737 looks on a white background.

Color Contrast Check

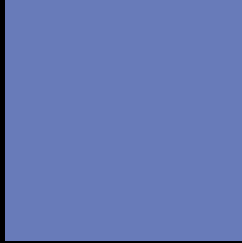
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.4002, 5.2733, -31.8737 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

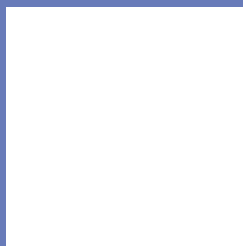
Any Text WCAG AAA × Fail

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

HunterLab 45.4002, 5.2733, -31.8737 Background



This preview shows how black text looks on a background with the HunterLab color 45.4002, 5.2733, -31.8737.

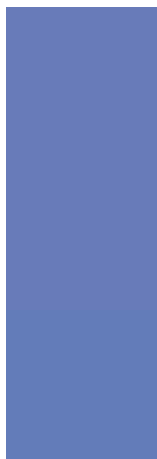


This preview shows how white text looks on a background with the HunterLab color 45.4002, 5.2733, -31.8737.

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

45.4002, 5.2733, -31.8737

Protanopia

45.4002, 5.2733, -31.8737

Deuteranopia

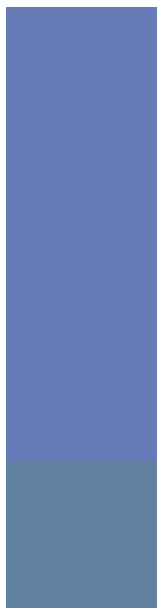
45.3550, 3.7105, -31.9886



Tritanopia

45.5311, -10.8868, -5.4590

Trichromacy



Original Color

45.4002, 5.2733, -31.8737

Protanomaly

45.4002, 5.2733, -31.8737

Deuteranomaly

45.4805, 4.1298, -31.7383

Tritanomaly

45.4488, -5.5190, -14.2904

Monochromacy



Original Color

45.4002, 5.2733, -31.8737

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.0250, -0.5667, -8.0756

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.4002, 5.2733, -31.8737 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(104, 123, 185)` looks like.

```
.text, #text, p{  
    color:rgb(104, 123, 185)  
}
```

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(104, 123, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 123, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 45.4002, 5.2733, -31.8737 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(104, 123, 185) }
```


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

```
.border{ border-color:rgb(104, 123, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 123, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 123, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 123, 185);  
box-shadow:4px 4px 4px 4px rgb(104, 123,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.4002, 5.2733, -31.8737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 123, 185) }
```

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

```
.background{ background-color: rgb(104,  
123, 185) }
```

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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