

Converting Colors

HunterLab(45.5650, 5.8827,
-34.4664)

Have a look what the booklet for
HunterLab(45.5650, 5.8827,
-34.4664) contains.

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Color

**HunterLab(45.5232, 6.0562,
-34.5463)**

Conversions

Conversions Part 1

Format	Color
Hex	677BBD
RGB	103, 123, 189
RGB Percent	40%, 48%, 74%
CMY	0.5961, 0.5176, 0.2588
CMYK	0.46, 0.35, 0.00, 0.26
HSL	226°, 39%, 57%
HSV	226°, 46%, 74%
XYZ	21.8618, 20.7236, 50.9919
YIQ	124.5440, -33.1060, 16.2860

Conversions

Conversions Part 2

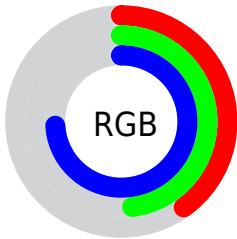
Format	Color
R _{YB}	103, 119, 189
Decimal	6781885
CIE _{Lab}	52.65, 10.46, -36.96
CIE _{LCh}	53, 38.411, 285.809
Y _{xy}	20.7244, 0.2336, 0.2215
Android (android.graphics.Color)	4284971965 (0xFF677BBD)
YUV	124.5440, 31.7768, -18.8941
Hunter-Lab	45.5232, 6.0562, -34.5463

Details

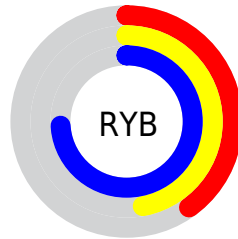
The HunterLab color $45.5232, 6.0562, -34.5463$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $63.3839, -4.9681, 26.9657$, and the grayscale version is $44.9975, -2.4010, 2.4448$.

A 20% lighter version of the original color is $66.7704, 6.2994, -36.1670$, and $27.2210, 5.5323, -33.0555$ is the 20% darker color. If you saturate the color by 10%, you get $40.4896, 9.6697, -45.3806$, and if you desaturate by 10%, it is $50.8336, 3.0967, -24.7760$.

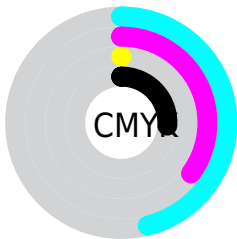
Distribution



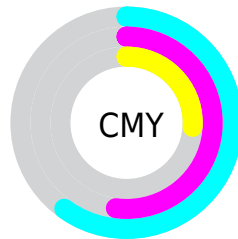
- Red (40%)
- Green (48%)
- Blue (74%)



- Red (40%)
- Yellow (47%)
- Blue (74%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (52%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.5232, 6.0562, -34.5463 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 45.5232, 6.0562, -34.5463 by changing the saturation by 10% instead.

■ 45.5232, 6.0562,
-34.5463

■ 45.5232, 6.0562,
-34.5463

■ 159.9406, 4.1064,
-39.0574

■ 35.9481, 5.9720,
-33.9247

■ 66.8045, 6.0012,
-35.8246

■ 27.1575, 5.7977,
-33.4105

■ 78.4216, 5.8783,
-36.4257

■ 19.2300, 5.5157,
-33.1868

■ 90.6435, 5.6998,
-36.9849

■ 12.2721, 5.0994,
-33.7447

■ 103.4416, 5.4701,
-37.4972

■ 5.4128, 8.1351,
-45.4157

■ 116.7912, 5.1930,
-37.9607

0.0000, NaN, -NF

0.0000, NaN, -NF

130.6702, 4.8716,

-38.3749

0.0000, NaN, NaN

145.0591, 4.5086,
-38.7401

0.0000, NaN, NaN

■ 45.5232, 6.0562,
-34.5463

■ 45.5232, 6.0562,
-34.5463

■ 40.4896, 9.6697,
-45.3806

■ 50.8336, 3.0967,
-24.7760

■ 35.7896, 14.0801,
-57.4576

■ 56.3738, 0.6645,
-15.8861

■ 31.5033, 19.4182,
-70.8570

■ 62.1112, -1.3442,
-7.7086

■ 27.7331, 25.7258,
-85.3877

■ 68.0201, -3.0111,
-0.1044

■ 24.5993, 32.8009,
-100.3072

■ 74.0806, -4.4006,
7.0389

■ 23.3921, 36.0148,
-106.9836

■ 80.2768, -5.5626,
13.8107

■ 86.5959, -6.5364,
20.2822

■ 93.0274, -7.3530,
26.5099

■ 97.7396, -14.4892,
30.7680

Harmonies

Analogous

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



45.5240, -9.5734, -34.9059



45.5232, 6.0562, -34.5463



45.5240, 21.2057, -22.3195

Triad

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



45.5240, 6.0562, -34.5452



45.5240, 20.4899, 18.5906



45.5240, -28.0767, 8.9495

Complementary

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



45.5232, 6.0562, -34.5463



63.3839, -4.9681, 26.9657

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.



45.5240, -22.0536, 18.2514



45.5232, 6.0562, -34.5463



45.5240, 5.1798, 22.4056

Square

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



45.5240, 6.0562, -34.5452



45.5240, 30.2755, 9.6043



45.5240, -10.3396, 22.3071



45.5240, -27.9086, -6.0267

Rectangle

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



45.5232, 6.0562, -34.5463



45.5240, 28.3836, -10.8758



45.5240, -10.3396, 22.3071



45.5240, -26.7485, 12.7131

Sweetspot

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



45.5240, 6.0562, -34.5452



84.1196, -2.1072, -8.9776



64.9164, -28.5090, 5.2486



38.2272, -0.7333, -5.2168



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



45.5240, 6.0562, -34.5452



53.9391, 13.1438, -61.3130



42.1974, 21.8856, -41.2611



30.9448, -1.1324, -1.3996



19.4439, 28.7153, -86.2913



5.0130, 2.5972, -11.8725

Inverse Universe

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



46.8511, 30.0698, 5.6810



57.0088, 50.5973, 9.6157



67.4457, -21.7309, 29.8981



30.9383, 1.3533, 1.7631



27.2238, 47.1068, 13.8299



5.4839, 9.6756, 1.3393

Previews

White Background



This preview shows how the HunterLab color 45.5232, 6.0562, -34.5463 looks on a white background.

Color Contrast Check

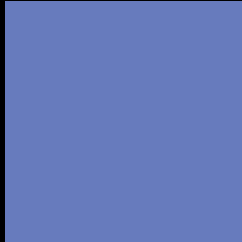
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.5232, 6.0562, -34.5463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

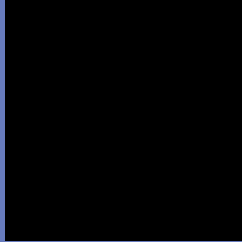
Any Text WCAG AA ✓ Pass

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 45.5232, 6.0562, -34.5463 Background



This preview shows how black text looks on a background with the HunterLab color 45.5232, 6.0562, -34.5463.



This preview shows how white text looks on a background with the HunterLab color 45.5232, 6.0562, -34.5463.

-34.5463.

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

45.5232, 6.0562, -34.5463

Protanopia

45.4586, 5.8434, -34.6790

Deuteranopia

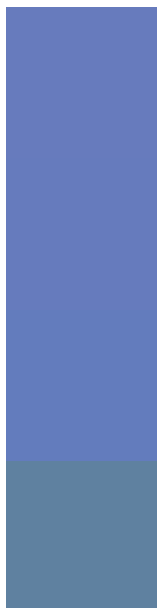
45.6379, 3.6102, -34.3609



Tritanopia

45.4526, -11.1085, -6.0847

Trichromacy



Original Color

45.5232, 6.0562, -34.5463

Protanomaly

45.4586, 5.8434, -34.6790

Deuteranomaly

45.5435, 4.7157, -34.5294

Tritanomaly

45.4659, -5.3057, -15.4469

Monochromacy



Original Color

45.5232, 6.0562, -34.5463

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.0947, -0.1881, -9.0525

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.5232, 6.0562, -34.5463 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(103, 123, 189)` looks like.

```
.text, #text, p{  
    color:rgb(103, 123, 189)  
}
```

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(103, 123, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 123, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 45.5232, 6.0562, -34.5463 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(103, 123, 189) }
```


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

```
.border{ border-color:rgb(103, 123, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 123, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 123, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 123, 189);  
box-shadow:4px 4px 4px 4px rgb(103, 123,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.5232, 6.0562, -34.5463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 123, 189) }
```

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

```
.background{ background-color: rgb(103,  
123, 189) }
```

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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