

Converting Colors

HunterLab(42.6300, 7.1703,
-62.7744)

Have a look what the booklet for
HunterLab(42.6300, 7.1703,
-62.7744) contains.

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Color

**HunterLab(42.5206, 7.4582,
-63.3134)**

Conversions

Conversions Part 1

Format	Color
Hex	2875D7
RGB	40, 117, 215
RGB Percent	16%, 46%, 84%
CMY	0.8431, 0.5412, 0.1569
CMYK	0.81, 0.46, 0.00, 0.16
HSL	214°, 69%, 50%
HSV	214°, 81%, 84%
XYZ	19.5021, 18.0800, 66.7520
YIQ	105.1490, -77.3500, 14.1540

Conversions

Conversions Part 2

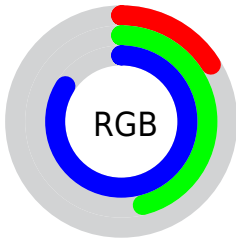
Format	Color
R_{YB}	40, 93, 215
Decimal	2651607
CIE _{Lab}	49.59, 12.18, -56.81
CIE _{LCh}	50, 58.101, 282.100
Yxy	18.0805, 0.1869, 0.1733
Android (android.graphics.Color)	4280841687 (0xFF2875D7)
YUV	105.1490, 54.1565, -57.1357
Hunter-Lab	42.5206, 7.4582, -63.3134

Details

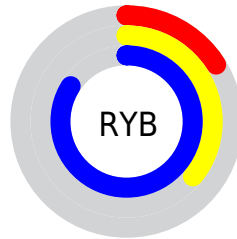
The HunterLab color **42.5206, 7.4582, -63.3134** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **57.2557, 16.7080, 33.4929**, and the grayscale version is **37.4659, -1.9991, 2.0356**.

A 20% lighter version of the original color is **62.2918, 2.7229, -51.6171**, and **26.2365, 11.5634, -57.7553** is the 20% darker color. If you saturate the color by 10%, you get **38.9036, 12.5461, -73.7884**, and if you desaturate by 10%, it is **46.5043, 3.3610, -53.2518**.

Distribution



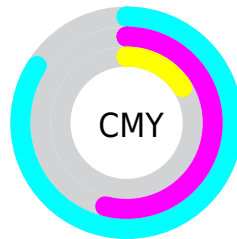
- Red (16%)
- Green (46%)
- Blue (84%)



- Red (16%)
- Yellow (36%)
- Blue (84%)



- Cyan (81%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (54%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5206, 7.4582, -63.3134 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 42.5206, 7.4582, -63.3134 by changing the saturation by 10% instead.

■ 42.5206, 7.4582,
-63.3134

■ 42.5206, 7.4582,
-63.3134

■ 155.3463, 6.3241,
-69.7008

■ 33.1780, 7.2546,
-63.3088

■ 63.3834, 7.6200,
-64.3301

■ 24.6416, 6.9483,
-64.0761

■ 74.8095, 7.5952,
-65.0580

■ 16.9970, 6.5195,
-66.4614

■ 86.8500, 7.5095,
-65.8402

■ 10.3636, 5.9367,
-72.8188

■ 99.4750, 7.3683,
-66.6414

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.6586, 7.1758,
-67.4397

0.0000, NaN, -NF

126.3782, 6.9356,

0.0000, NaN, -NF

-68.2212

0.0000, NaN, NaN

140.6134, 6.6509,
-68.9768

■ 42.5206, 7.4582,
-63.3134

■ 42.5206, 7.4582,
-63.3134

■ 38.9036, 12.5461,
-73.7884

■ 46.5043, 3.3610,
-53.2518

■ 36.0791, 17.6101,
-83.1108

■ 50.8137, 0.2025,
-43.7001

■ 55.4108, -2.1101,
-34.6845

■ 60.2604, -3.6839,
-26.1875

■ 65.3323, -4.6226,
-18.1679

■ 70.6010, -5.0189,
-10.5744

■ 76.0448, -4.9525,
-3.3537

■ 81.6459, -4.4906,
3.5444

■ 87.3890, -3.6891,
10.1655

Harmonies

Analogous

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



42.5212, -15.0951, -60.8343



42.5206, 7.4582, -63.3134



42.5212, 31.8427, -42.5622

Triad

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



42.5212, 7.4593, -63.3123



42.5212, 36.0148, 22.0309



42.5212, -36.8563, 13.3725

Complementary

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



42.5206, 7.4582, -63.3134



57.2557, 16.7080, 33.4929

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.



42.5212, -28.1689, 23.2601



42.5206, 7.4582, -63.3134



42.5212, 12.2796, 26.0994

Square

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



42.5212, 7.4593, -63.3123



42.5212, 50.5382, 10.2625



42.5212, -11.1983, 26.3813



42.5212, -37.6049, -7.5436

Rectangle

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



42.5206, 7.4582, -63.3134



42.5212, 44.6045, -22.6223



42.5212, -11.1983, 26.3813



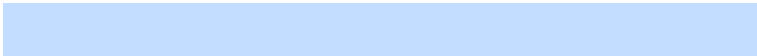
42.5212, -34.8701, 17.7335

Sweetspot

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



42.5212, 7.4593, -63.3123



83.8037, -6.0126, -15.3995



71.3005, -50.5759, 23.6007



37.7062, -2.7059, -8.6545

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.5212, 7.4593, -63.3123



44.1863, 20.6352, -99.3578



26.5936, 49.3142, -126.0845



35.9149, -2.2772, -0.9180



28.2651, 12.8273, -63.0194



8.0323, 0.9791, -12.1533

Inverse Universe

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



41.5334, 64.8221, 2.7025



47.5495, 83.4367, 10.5196



78.6844, -23.7995, 46.5546



35.3704, 1.9307, 1.1470



30.2512, 53.4928, 6.4725



7.5396, 13.5386, 0.0127

Previews

White Background



This preview shows how the HunterLab color 42.5206, 7.4582, -63.3134 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 × Fail

Black Background



This preview shows how the HunterLab color 42.5206, 7.4582, -63.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

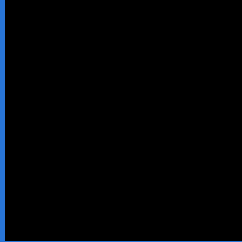
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

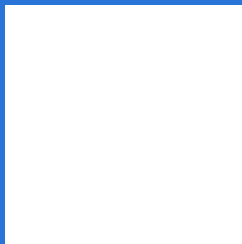
Any Text WCAG AAA × Fail

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

HunterLab 42.5206, 7.4582, -63.3134 Background



This preview shows how black text looks on a background with the HunterLab color 42.5206, 7.4582, -63.3134.



This preview shows how white text looks on a background with the HunterLab color 42.5206, 7.4582, -63.3134.

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

42.5206, 7.4582, -63.3134

Protanopia

42.4892, 11.1576, -60.5397

Deuteranopia

42.3046, 3.4127, -60.2441



Tritanopia

42.2248, -20.4474, -8.6372

Trichromacy



Original Color

42.5206, 7.4582, -63.3134

Protanomaly

42.3853, 9.5727, -61.7726

Deuteranomaly

42.2041, 4.6374, -61.4165

Tritanomaly

41.9032, -11.5392, -26.1100

Monochromacy



Original Color

42.5206, 7.4582, -63.3134

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.3809, -2.1825, -17.7697

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5206, 7.4582, -63.3134 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(40, 117, 215)` looks like.

```
.text, #text, p{  
    color:rgb(40, 117, 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(40, 117, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 117, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5206, 7.4582, -63.3134 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(40, 117, 215) }
```


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

```
.border{ border-color:rgb(40, 117, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 117, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 117, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 117, 215);  
box-shadow:4px 4px 4px 4px rgb(40, 117,  
215) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5206, 7.4582, -63.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 117, 215) }
```

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

```
.background{ background-color: rgb(40, 117,  
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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