

Converting Colors

HunterLab(42.7377, -5.1339,
-42.3358)

Have a look what the booklet for
HunterLab(42.7377, -5.1339,
-42.3358) contains.

HunterLab(42.6344, -5.0612, -42.3635)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.6344, -5.0612,
-42.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	007CBF
RGB	0, 124, 191
RGB Percent	0%, 49%, 75%
CMY	0.9998, 0.5137, 0.2510
CMYK	1.00, 0.35, 0.00, 0.25
HSL	201°, 100%, 37%
HSV	201°, 100%, 75%
XYZ	16.6117, 18.1769, 51.9232
YIQ	94.5620, -95.4110, -5.4510

Conversions

Conversions Part 2

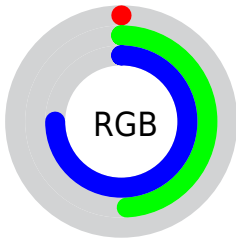
Format	Color
RYB	0, 75, 191
Decimal	31935
CIELab	49.71, -3.68, -42.96
CIELCh	50, 43.117, 265.103
Yxy	18.1775, 0.1916, 0.2096
Android (android.graphics.Color)	4278222015 (0xFF007CBF)
YUV	94.5620, 47.5439, -82.9309
Hunter-Lab	42.6344, -5.0612, -42.3635

Details

The HunterLab color **42.6344, -5.0612, -42.3635** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **38.8532, 39.9520, 24.6388**, and the grayscale version is **33.5244, -1.7888, 1.8214**.

A 20% lighter version of the original color is **63.4515, -6.4239, -43.9965**, and **26.4103, 1.7677, -36.8264** is the 20% darker color. If you saturate the color by 10%, you get **42.6305, -5.0548, -42.3726**, and if you desaturate by 10%, it is **44.7820, -7.6105, -37.7980**.

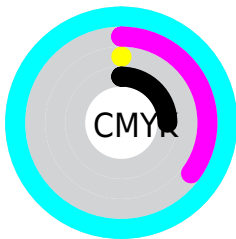
Distribution



- Red (0%)
- Green (49%)
- Blue (75%)



- Red (0%)
- Yellow (29%)
- Blue (75%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.6344, -5.0612, -42.3635 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 42.6344, -5.0612, -42.3635 by changing the saturation by 10% instead.

■ 42.6344, -5.0612,
-42.3635

■ 42.6344, -5.0612,
-42.3635

155.5216,
-12.6235, -47.8563

■ 33.2829, -4.3344,
-41.8342

■ 63.5134, -6.5808,
-43.7045

■ 24.7366, -3.6294,
-41.5889

■ 74.9469, -7.3758,
-44.3989

■ 17.0809, -2.9417,
-42.0026

■ 86.9944, -8.1941,
-45.0731

■ 10.4348, -2.2632,
-44.1287

■ 99.6261, -9.0354,
-45.7146

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.8162, -9.8993,
-46.3165

0.0000, NaN, -NF

■ 126.5418,

0.0000, NaN, NaN

-10.7856, -46.8750

0.0000, NaN, NaN

140.7830,
-11.6938, -47.3885

■ 42.6344, -5.0612,
-42.3635

■ 42.6344, -5.0612,
-42.3635

■ 42.6305, -5.0548,
-42.3726

■ 44.7820, -7.6105,
-37.7980

■ 47.1006, -9.6040,
-33.1917

■ 49.6185, -10.9258,
-28.5147

■ 52.3329, -11.5801,
-23.7987

■ 55.2357, -11.5973,
-19.0755

■ 58.3165, -11.0227,
-14.3720

■ 61.5637, -9.9081,
-9.7084

■ 64.9656, -8.3068,
-5.0984

■ 68.5107, -6.2701,
-0.5505

Harmonies

Analogous

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



42.6351, -19.5780, -32.3359



42.6344, -5.0612, -42.3635



42.6351, 12.6625, -37.0694

Triad

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



42.6351, -5.0605, -42.3626



42.6351, 31.9503, 13.6161



42.6351, -26.1295, 16.6686

Complementary

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



42.6344, -5.0612, -42.3635



38.8532, 39.9520, 24.6388

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.



42.6351, -15.4065, 22.0969



42.6344, -5.0612, -42.3635



42.6351, 18.3155, 20.8868

Square

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



42.6351, -5.0605, -42.3626



42.6351, 35.8815, -0.4497



42.6351, 0.5794, 23.2591



42.6351, -30.4513, 4.9169

Rectangle

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



42.6344, -5.0612, -42.3635



42.6351, 23.7381, -26.3516



42.6351, 0.5794, 23.2591



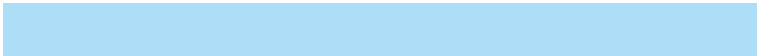
42.6351, -23.2454, 19.0766

Sweetspot

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



42.6351, -5.0605, -42.3626



82.1687, -13.3498, -13.3007



61.3726, -50.2772, 31.8260



37.6252, -6.5868, -7.4783



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



42.6351, -5.0605, -42.3626



56.6350, -6.0974, -57.6262



21.5064, 44.0032, -121.8645



31.9855, -2.8513, -0.1232



34.7836, -4.4551, -33.8594



7.6964, -2.1081, -5.0691

Inverse Universe

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



35.4014, 64.7302, -8.9895



47.3242, 86.4490, -11.3182



60.8630, -5.4176, 37.4075



31.0449, 1.9263, 0.2439



28.7247, 52.5752, -7.6649



5.7893, 10.7783, -2.9570

Previews

White Background



This preview shows how the HunterLab color 42.6344, -5.0612, -42.3635 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 42.6344, -5.0612, -42.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

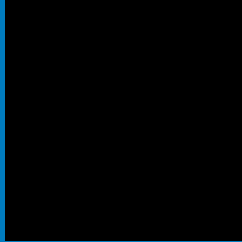
Any Text WCAG AA ✓ Pass

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 42.6344, -5.0612, -42.3635 Background



This preview shows how black text looks on a background with the HunterLab color 42.6344, -5.0612, -42.3635.



This preview shows how white text looks on a background with the HunterLab color 42.6344, -5.0612, -42.3635.

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

42.6344, -5.0612, -42.3635

Protanopia

42.7046, 5.9671, -35.7800

Deuteranopia

42.5915, 3.6909, -43.1117



Tritanopia

42.5747, -20.6307, -8.6788

Trichromacy



Original Color

42.6344, -5.0612, -42.3635

Protanomaly

42.0341, -0.2497, -39.6281

Deuteranomaly

42.2132, -0.4759, -44.0398

Tritanomaly

42.3575, -15.2239, -20.0792

Monochromacy



Original Color

42.6344, -5.0612, -42.3635

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.8893, -7.8638, -12.9121

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.6344, -5.0612, -42.3635 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(0, 124, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 191)  
}
```

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(0, 124, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 42.6344, -5.0612, -42.3635 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(0, 124, 191) }
```


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

```
.border{ border-color:rgb(0, 124, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 124, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 124,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.6344, -5.0612, -42.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 191) }
```

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

```
.background{ background-color: rgb(0, 124,  
191) }
```

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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