

Converting Colors

HunterLab(47.0942, -1.8690,
-52.8032)

Have a look what the booklet for
HunterLab(47.0942, -1.8690,
-52.8032) contains.

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Color

**HunterLab(47.0942, -1.8690,
-52.8032)**

Conversions

Conversions Part 1	
Format	Color
Hex	1686D8
RGB	22, 134, 216
RGB Percent	9%, 53%, 85%
CMY	0.9136, 0.4745, 0.1529
CMYK	0.90, 0.38, 0.00, 0.15
HSL	205°, 81%, 47%
HSV	205°, 90%, 85%
XYZ	21.2507, 22.1786, 68.1266
YIQ	109.8600, -93.0740, 1.7580

Conversions

Conversions Part 2

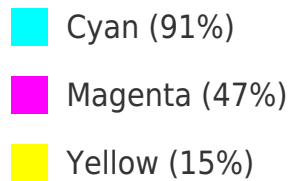
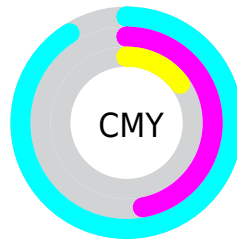
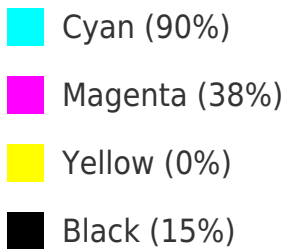
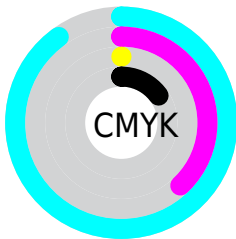
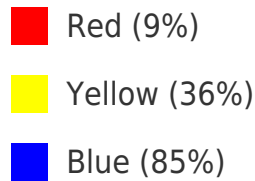
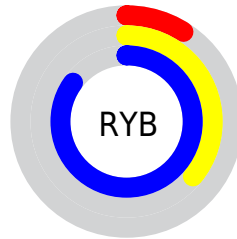
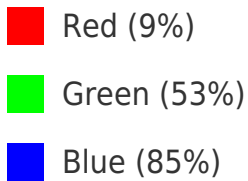
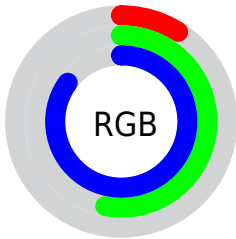
Format	Color
RYB	22, 93, 216
Decimal	1476312
CIELab	54.22, 0.82, -50.00
CIELCh	54, 50.004, 270.934
Yxy	22.1793, 0.1905, 0.1988
Android (android.graphics.Color)	4279666392 (0xFF1686D8)
YUV	109.8600, 52.3270, -77.0532
Hunter-Lab	47.0942, -1.8690, -52.8032

Details

The HunterLab color **47.0942, -1.8690, -52.8032** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **49.5618, 33.6223, 30.2185**, and the grayscale version is **39.2698, -2.0953, 2.1336**.

A 20% lighter version of the original color is **67.7395, -8.1767, -41.2091**, and **30.1168, 4.6773, -47.7403** is the 20% darker color. If you saturate the color by 10%, you get **44.2662, 2.0426, -59.7032**, and if you desaturate by 10%, it is **50.1696, -5.0394, -45.9505**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.0942, -1.8690, -52.8032 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 47.0942, -1.8690, -52.8032 by changing the saturation by 10% instead.


 47.0942, -1.8690,
-52.8032


 47.0942, -1.8690,
-52.8032

162.3211, -7.6934,
-58.9832


 37.4015, -1.3979,
-52.3416

 68.5873, -2.9300,
-54.1578

 28.4830, -0.9733,
-52.2403

 80.3015, -3.5163,
-54.9071


 20.4138, -0.5995,
-52.8917

 92.6157, -4.1365,
-55.6568

 13.2949, -0.2840,
-55.2861

 105.5020, -4.7890,
-56.3892

 6.8324, 0.1549,
-67.3763

 118.9360, -5.4721,
-57.0933

0.0000, NaN, -NF

0.0000, NaN, -NF

132.8963, -6.1846,

-57.7627

0.0000, NaN, -NF

147.3637, -6.9254,
-58.3934

0.0000, NaN, NaN

■ 47.0942, -1.8690,
-52.8032

■ 47.0942, -1.8690,
-52.8032

■ 44.2662, 2.0426,
-59.7032

■ 50.1696, -5.0394,
-45.9505

■ 44.2112, 2.1235,
-59.8441

■ 53.5087, -7.3699,
-39.1428

■ 57.0999, -8.8821,
-32.4289

■ 60.9264, -9.6308,
-25.8474

■ 64.9696, -9.6856,
-19.4225

■ 69.2113, -9.1196,
-13.1654

■ 73.6343, -8.0039,
-7.0776

■ 78.2228, -6.4037,
-1.1537

■ 82.9626, -4.3774,
4.6158

Harmonies

Analogous

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



47.0949, -20.2520, -43.6833



47.0942, -1.8690, -52.8032



47.0949, 19.6203, -42.5514

Triad

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



47.0949, -1.8681, -52.8021



47.0949, 36.4955, 18.1085



47.0949, -32.3724, 17.4387

Complementary

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



47.0942, -1.8690, -52.8032



49.5618, 33.6223, 30.2185

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.



47.0949, -21.1931, 24.7812



47.0942, -1.8690, -52.8032



47.0949, 18.3098, 25.0346

Square

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



47.0949, -1.8681, -52.8021



47.0949, 43.9834, 3.1735



47.0949, -3.1592, 26.8166



47.0949, -35.9317, 1.9453

Rectangle

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



47.0942, -1.8690, -52.8032



47.0949, 32.3458, -27.8949



47.0949, -3.1592, 26.8166



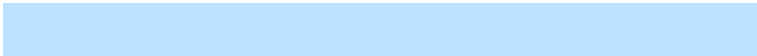
47.0949, -29.4880, 20.6616

Sweetspot

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



47.0949, -1.8681, -52.8021



84.8605, -10.7219, -13.9972



70.8938, -55.2556, 32.0182



38.4234, -5.1330, -7.6607

0.0000, NaN, NaN



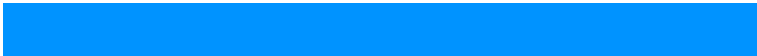
46.2646, -2.4686, 2.5136

Same Dimension

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



47.0949, -1.8681, -52.8021



53.0565, 3.0852, -72.9760



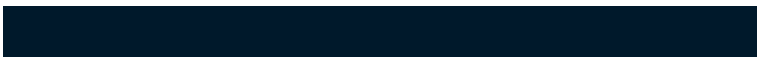
25.5490, 49.0886, -134.1607



36.3143, -2.9334, -0.4303



34.3325, 1.0743, -45.2317



9.3450, -1.2516, -8.9786

Inverse Universe

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



41.1039, 70.9841, -5.9631



48.3455, 87.1634, -2.6378



74.7596, -13.6416, 45.2245



35.4116, 2.1515, 0.5613



30.8784, 55.7744, -2.4818



7.6908, 14.0846, -2.1151

Previews

White Background



This preview shows how the HunterLab color 47.0942, -1.8690, -52.8032 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 47.0942, -1.8690, -52.8032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

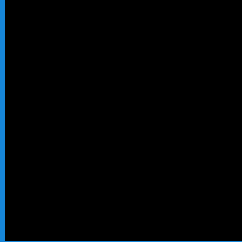
Any Text WCAG AA ✓ Pass

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 47.0942, -1.8690, -52.8032 Background



This preview shows how black text looks on a background with the HunterLab color 47.0942, -1.8690, -52.8032.



This preview shows how white text looks on a background with the HunterLab color 47.0942, -1.8690, -52.8032.

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

47.0942, -1.8690, -52.8032

Protanopia

46.9169, 8.4196, -47.1725

Deuteranopia

47.0832, 4.1252, -53.5802



Tritanopia

46.8453, -22.6427, -9.6736

Trichromacy



Original Color

47.0942, -1.8690, -52.8032

Protanomaly

46.6039, 3.4274, -50.4657

Deuteranomaly

46.8467, 1.8674, -54.1828

Tritanomaly

46.8427, -15.9949, -23.4046

Monochromacy



Original Color

47.0942, -1.8690, -52.8032

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

41.2108, -6.4397, -15.6266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0942, -1.8690, -52.8032 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(22, 134, 216)` looks like.

```
.text, #text, p{  
    color:rgb(22, 134, 216)  
}
```

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(22, 134, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 134, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0942, -1.8690, -52.8032 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(22, 134, 216) }
```


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

```
.border{ border-color:rgb(22, 134, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 134, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 134, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 134, 216);  
box-shadow:4px 4px 4px 4px rgb(22, 134,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0942, -1.8690, -52.8032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 134, 216) }
```

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

```
.background{ background-color: rgb(22, 134,  
216) }
```

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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