

Converting Colors

HunterLab(47.1675, 12.9655,
-86.9440)

Have a look what the booklet for
HunterLab(47.1675, 12.9655,
-86.9440) contains.

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Color

**HunterLab(47.1243, 12.8350,
-86.6085)**

Conversions

Conversions Part 1

Format	Color
Hex	007FFC
RGB	0, 127, 252
RGB Percent	0%, 50%, 99%
CMY	0.9997, 0.5020, 0.0118
CMYK	1.00, 0.50, 0.00, 0.01
HSL	210°, 100%, 49%
HSV	210°, 100%, 99%
XYZ	25.1600, 22.2070, 95.0557
YIQ	103.2770, -115.8170, 11.9510

Conversions

Conversions Part 2

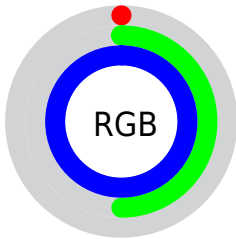
Format	Color
R _Y B	0, 84, 252
Decimal	32764
CIE Lab	54.25, 18.26, -70.03
CIE LCh	54, 72.375, 284.613
Yxy	22.2076, 0.1767, 0.1559
Android (android.graphics.Color)	4278222844 (0xFF007FFC)
YUV	103.2770, 73.3204, -90.5739
Hunter-Lab	47.1243, 12.8350, -86.6085

Details

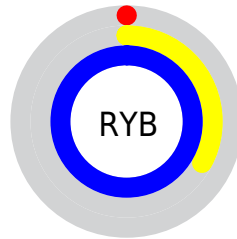
The HunterLab color **47.1243, 12.8350, -86.6085** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **59.4823, 38.4136, 37.3231**, and the grayscale version is **36.7046, -1.9585, 1.9942**.

A 20% lighter version of the original color is **65.5019, -3.3014, -45.3315**, and **30.8010, 18.7338, -78.9394** is the 20% darker color. If you saturate the color by 10%, you get **47.1146, 12.8547, -86.6388**, and if you desaturate by 10%, it is **50.8429, 6.8148, -75.9486**.

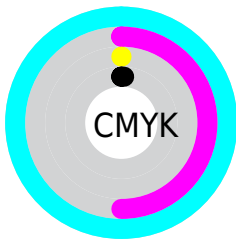
Distribution



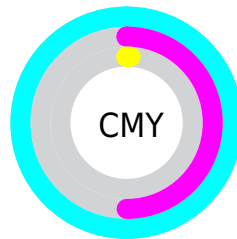
- Red (0%)
- Green (50%)
- Blue (99%)



- Red (0%)
- Yellow (33%)
- Blue (99%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (50%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1243, 12.8350, -86.6085 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 47.1243, 12.8350, -86.6085 by changing the saturation by 10% instead.

■ 47.1243, 12.8350,
-86.6085

■ 47.1243, 12.8350,
-86.6085

162.3664, 13.7563,
-92.7821

■ 37.4293, 12.3597,
-87.1936

■ 68.6213, 13.5106,
-87.0444

■ 28.5084, 11.7705,
-88.8868

■ 80.3373, 13.7281,
-87.6666

■ 20.4365, 11.0493,
-92.7130

■ 92.6532, 13.8764,
-88.4212

■ 13.3146, 10.1712,
-101.2287

■ 105.5412, 13.9613,
-89.2528

■ 6.8565, 11.2644,
-131.2156

■ 118.9768, 13.9879,
-90.1254

0.0000, NaN, -NF

0.0000, NaN, -NF

132.9387, 13.9603,

-91.0146

0.0000, NaN, -NF

147.4076, 13.8820,
-91.9040

0.0000, NaN, -NF

■ 47.1243, 12.8350,
-86.6085

■ 47.1243, 12.8350,
-86.6085

■ 47.1146, 12.8547,
-86.6388

■ 50.8429, 6.8148,
-75.9486

■ 54.9340, 1.7981,
-65.5173

■ 59.4017, -2.1075,
-55.3566

■ 64.2166, -4.9499,
-45.5471

■ 69.3456, -6.8217,
-36.1305

■ 74.7564, -7.8311,
-27.1148

■ 80.4197, -8.0859,
-18.4858

■ 86.3096, -7.6857,
-10.2159

■ 92.4035, -6.7183,
-2.2717

Harmonies

Analogous

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



47.1249, -16.7852, -86.1326



47.1243, 12.8350, -86.6085



47.1249, 44.8855, -55.1166

Triad

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



47.1249, 12.8367, -86.6073



47.1249, 45.6345, 27.0419



47.1249, -46.0334, 14.8632

Complementary

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



47.1243, 12.8350, -86.6085



59.4823, 38.4136, 37.3231

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.



47.1249, -36.4008, 27.2157



47.1243, 12.8350, -86.6085



47.1249, 13.6809, 30.6710

Square

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



47.1249, 12.8367, -86.6073



47.1249, 66.7816, 14.3542



47.1249, -16.1263, 30.7051



47.1249, -46.1521, -13.3726

Rectangle

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



47.1243, 12.8350, -86.6085



47.1249, 61.2686, -27.3196



47.1249, -16.1263, 30.7051



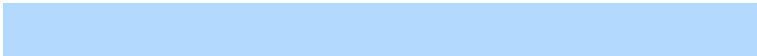
47.1249, -43.9326, 20.4687

Sweetspot

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



47.1249, 12.8367, -86.6073



81.4812, -8.1959, -18.7767



84.2750, -66.3291, 37.8521



36.5632, -3.7808, -10.3730

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.1249, 12.8367, -86.6073



47.7312, 13.0717, -87.8778



26.6861, 71.1440, -186.9251



42.5304, -3.0551, -0.8707



34.4361, 8.4258, -61.2310



11.4473, 0.7586, -15.9458

Inverse Universe

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



47.1481, 83.9839, 5.2732



47.7819, 85.1158, 5.3883



93.6529, -23.5139, 57.2955



41.6787, 2.4794, 1.0099



34.0705, 60.7756, 3.1879



10.4715, 18.8691, -0.4923

Previews

White Background



This preview shows how the HunterLab color 47.1243, 12.8350, -86.6085 looks on a white background.

Color Contrast Check

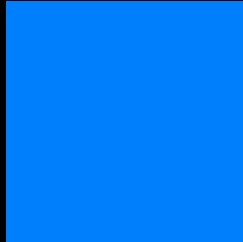
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1243, 12.8350, -86.6085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

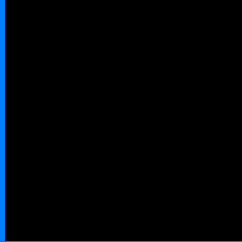
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

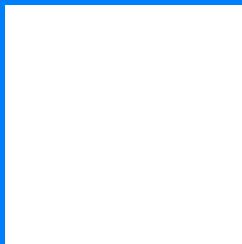
Any Text WCAG AAA × Fail

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

HunterLab 47.1243, 12.8350, -86.6085 Background



This preview shows how black text looks on a background with the HunterLab color 47.1243, 12.8350, -86.6085.



This preview shows how white text looks on a background with the HunterLab color 47.1243, 12.8350, -86.6085.

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

47.1243, 12.8350, -86.6085

Protanopia

47.2430, 15.5919, -83.0925

Deuteranopia

47.1335, 2.8558, -65.0778



Tritanopia

46.8453, -22.6427, -9.6736

Trichromacy



Original Color

47.1243, 12.8350, -86.6085

Protanomaly

47.0969, 13.8833, -84.5936

Deuteranomaly

47.0514, 6.4912, -72.8226

Tritanomaly

46.4386, -11.5760, -33.0549

Monochromacy



Original Color

47.1243, 12.8350, -86.6085

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

38.9627, -3.4658, -24.5921

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1243, 12.8350, -86.6085 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, 127, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 252)  
}
```

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, 127, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 252) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1243, 12.8350, -86.6085 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, 127, 252) }
```


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

```
.border{ border-color:rgb(0, 127, 252) }
```

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

Here you see how a box with a 4 pixel rgb(0, 127, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
252) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.1243, 12.8350, -86.6085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 252) }
```

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

```
.background{ background-color: rgb(0, 127,  
252) }
```

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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