

Converting Colors

HunterLab(46.6823, 14.5967,
-88.3042)

Have a look what the booklet for
HunterLab(46.6823, 14.5967,
-88.3042) contains.

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Color

**HunterLab(46.7163, 14.3575,
-87.8453)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 127DFC |
| RGB | 18, 125, 252 |
| RGB Percent | 7%, 49%, 99% |
| CMY | 0.9292, 0.5098, 0.0118 |
| CMYK | 0.93, 0.50, 0.00, 0.01 |
| HSL | 213°, 98%, 53% |
| HSV | 213°, 93%, 99% |
| XYZ | 25.1538, 21.8241, 94.9822 |
| YIQ | 107.4850, -104.5390, 16.8130 |

Conversions

Conversions Part 2

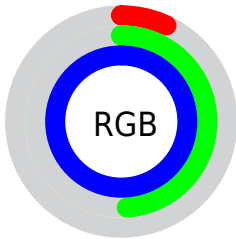
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 18, 91, 252 |
| Decimal | 1211900 |
| CIE Lab | 53.84, 19.98, -70.68 |
| CIE LCh | 54, 73.455, 285.786 |
| Yxy | 21.8247, 0.1772, 0.1537 |
| Android (android.graphics.Color) | 4279401980 (0xFF127DFC) |
| YUV | 107.4850, 71.2459, -78.4783 |
| Hunter-Lab | 46.7163, 14.3575, -87.8453 |

Details

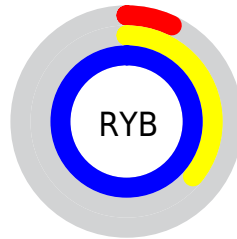
The HunterLab color **46.7163, 14.3575, -87.8453** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **64.0358, 28.3939, 39.4238**, and the grayscale version is **38.3006, -2.0436, 2.0809**.

A 20% lighter version of the original color is **65.0455, -1.7485, -46.1864**, and **30.3361, 19.8242, -80.7123** is the 20% darker color. If you saturate the color by 10%, you get **43.9724, 19.3546, -96.7428**, and if you desaturate by 10%, it is **50.9118, 8.2467, -75.7357**.

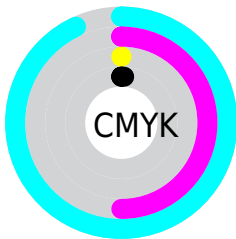
Distribution



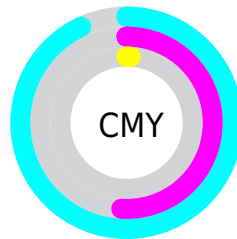
- Red (7%)
- Green (49%)
- Blue (99%)



- Red (7%)
- Yellow (36%)
- Blue (99%)



- Cyan (93%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)



- Cyan (93%)
- Magenta (51%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7163, 14.3575, -87.8453 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 46.7163, 14.3575, -87.8453 by changing the saturation by 10% instead.

■ 46.7163, 14.3575,
-87.8453

■ 46.7163, 14.3575,
-87.8453

161.7496, 15.9378,
-93.9124

■ 37.0515, 13.7921,
-88.5168

■ 68.1587, 15.2006,
-88.1960

■ 28.1635, 13.1079,
-90.3571

■ 79.8497, 15.4964,
-88.7985

■ 20.1280, 12.2869,
-94.4540

■ 92.1418, 15.7197,
-89.5423

■ 13.0474, 11.3060,
-103.5433

■ 105.0071, 15.8769,
-90.3691

■ 6.5205, 13.0329,
-138.2591

■ 118.4209, 15.9732,
-91.2412

0.0000, NaN, -NF

0.0000, NaN, -NF

132.3618, 16.0131,

-92.1331

0.0000, NaN, -NF

146.8104, 16.0002,
-93.0275

0.0000, NaN, -NF

■ 46.7163, 14.3575,
-87.8453

■ 46.7163, 14.3575,
-87.8453

■ 43.9724, 19.3546,
-96.7428

■ 50.9118, 8.2467,
-75.7357

■ 55.5402, 3.3129,
-64.0324

■ 60.5612, -0.4797,
-52.8538

■ 65.9312, -3.2327,
-42.2493

■ 71.6095, -5.0699,
-32.2154

■ 77.5600, -6.1146,
-22.7169

■ 83.7518, -6.4796,
-13.7031

■ 90.1587, -6.2630,
-5.1183

■ 96.7587, -5.5480,
3.0922

Harmonies

Analogous

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



46.7169, -15.9052, -88.8335



46.7163, 14.3575, -87.8453



46.7169, 46.7858, -54.6387

Triad

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



46.7169, 14.3592, -87.8441



46.7169, 45.2390, 27.3262



46.7169, -46.4836, 14.1667

Complementary

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



46.7163, 14.3575, -87.8453



64.0358, 28.3939, 39.4238

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.



46.7169, -37.2310, 26.9800



46.7163, 14.3575, -87.8453



46.7169, 12.6220, 30.6435

Square

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



46.7169, 14.3592, -87.8441



46.7169, 67.4711, 15.2036



46.7169, -17.2542, 30.5774



46.7169, -46.2430, -15.1010

Rectangle

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



46.7163, 14.3575, -87.8453



46.7169, 63.0683, -26.2302



46.7169, -17.2542, 30.5774



46.7169, -44.5077, 19.9886

Sweetspot

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



46.7169, 14.3592, -87.8441



81.6064, -6.4553, -18.5635



84.6925, -63.8950, 32.9252



36.5119, -2.8830, -10.4350

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.7169, 14.3592, -87.8441



44.5457, 19.6649, -98.1292



27.7132, 68.7927, -178.7506



42.3678, -2.7874, -1.0700



32.1852, 13.0104, -68.3145



10.8098, 1.9290, -17.6754

Inverse Universe

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



47.5505, 82.1984, 6.5472



47.4703, 83.9788, 9.8654



94.3050, -28.1873, 57.2557



41.6620, 2.3896, 1.2480



33.8476, 59.9627, 6.3869



10.4028, 18.6201, 0.4828

Previews

White Background



This preview shows how the HunterLab color 46.7163, 14.3575, -87.8453 looks on a white background.

Color Contrast Check

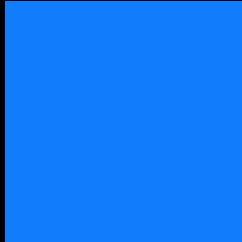
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7163, 14.3575, -87.8453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

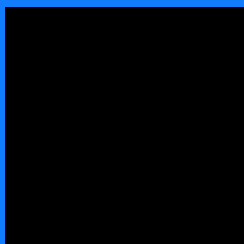
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

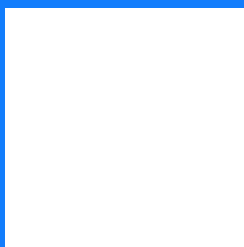
Any Text WCAG AAA × Fail

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

HunterLab 46.7163, 14.3575, -87.8453 Background



This preview shows how black text looks on a background with the HunterLab color 46.7163, 14.3575, -87.8453.



This preview shows how white text looks on a background with the HunterLab color 46.7163, 14.3575, -87.8453.

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

46.7163, 14.3575, -87.8453

Protanopia

46.6058, 16.5065, -86.0500

Deuteranopia

46.6676, 2.4090, -63.5307



Tritanopia

46.4547, -22.6640, -9.1393

Trichromacy



Original Color

46.7163, 14.3575, -87.8453

Protanomaly

46.6823, 15.5031, -86.8787

Deuteranomaly

46.6924, 6.5137, -71.8816

Tritanomaly

46.1349, -11.2130, -32.9114

Monochromacy



Original Color

46.7163, 14.3575, -87.8453

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

40.0856, -2.1791, -24.5286

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7163, 14.3575, -87.8453 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(18, 125, 252)` looks like.

```
.text, #text, p{  
    color:rgb(18, 125, 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(18, 125, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 125, 252) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7163, 14.3575, -87.8453 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(18, 125, 252) }
```


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

```
.border{ border-color:rgb(18, 125, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 125, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(18, 125, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(18, 125, 252); box-shadow:4px 4px 4px 4px rgb(18, 125, 252) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7163, 14.3575, -87.8453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 125, 252) }
```

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

```
.background{ background-color: rgb(18, 125,  
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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