

Converting Colors

HunterLab(46.8770, 87.6375,
-52.1406)

Have a look what the booklet for
HunterLab(46.8770, 87.6375,
-52.1406) contains.

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Color

**HunterLab(46.7991, 87.3733,
-51.9384)**

Conversions

Conversions Part 1

Format	Color
Hex	E317D8
RGB	227, 23, 216
RGB Percent	89%, 9%, 85%
CMY	0.1098, 0.9097, 0.1529
CMYK	0.00, 0.90, 0.05, 0.11
HSL	303°, 82%, 49%
HSV	303°, 90%, 89%
XYZ	44.3796, 21.9016, 66.8541
YIQ	105.9980, 59.6310, 103.2710

Conversions

Conversions Part 2

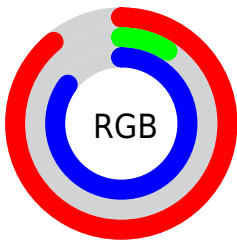
Format	Color
R _{YB}	227, 23, 216
Decimal	14882776
CIE _{Lab}	53.92, 86.51, -49.43
CIE _{LCh}	54, 99.634, 330.256
Yxy	21.9026, 0.3333, 0.1645
Android (android.graphics.Color)	4293072856 (0xFFE317D8)
YUV	105.9980, 54.2310, 106.1188
Hunter-Lab	46.7991, 87.3733, -51.9384

Details

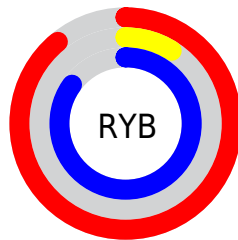
The HunterLab color **46.7991, 87.3733, -51.9384** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **74.3215, -62.5446, 43.4930**, and the grayscale version is **37.7528, -2.0144, 2.0512**.

A 20% lighter version of the original color is **61.7904, 77.1552, -51.3537**, and **32.7926, 63.8979, -38.8056** is the 20% darker color. If you saturate the color by 10%, you get **46.0791, 89.4954, -52.5675**, and if you desaturate by 10%, it is **48.2543, 82.7518, -49.6642**.

Distribution



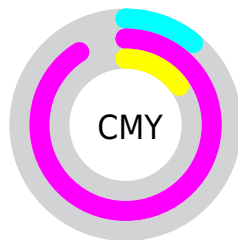
- Red (89%)
- Green (9%)
- Blue (85%)



- Red (89%)
- Yellow (9%)
- Blue (85%)



- Cyan (0%)
- Magenta (90%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7991, 87.3733, -51.9384 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 46.7991, 87.3733, -51.9384 by changing the saturation by 10% instead.

46.7991, 87.3733,
-51.9384

46.7991, 87.3733,
-51.9384

161.8756,
108.2690, -58.0694

37.1286, 84.8730,
-51.4676

68.2532, 92.4789,
-53.2939

28.2339, 82.5979,
-51.3505

79.9493, 94.9746,
-54.0399

20.1909, 80.9045,
-51.9753

92.2463, 97.3990,
-54.7844

13.1018, 80.7294,
-54.3302

105.1162, 99.7426,
-55.5101

6.5906, 93.9621,
-67.3942

118.5345,
102.0014, -56.2065

0.0000, INF, -NF

0.0000, NaN, -NF

132.4796,

104.1746, -56.8675

0.0000, NaN, NaN

146.9324,
106.2632, -57.4891

■ 46.7991, 87.3733,
-51.9384

■ 46.7991, 87.3733,
-51.9384

■ 46.0791, 89.4954,
-52.5675

■ 48.2543, 82.7518,
-49.6642

■ 46.0706, 89.5196,
-52.5726

■ 50.5984, 75.4431,
-45.5857

■ 53.8368, 65.9459,
-39.9904

■ 57.9141, 54.9573,
-33.3099

■ 62.7432, 43.1368,
-25.9673

■ 68.2276, 30.9866,
-18.2956

■ 74.2750, 18.8339,
-10.5199

■ 80.8039, 6.8629,
-2.7749

■ 87.7454, -4.8397,
4.8690

Harmonies

Analogous

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



46.8002, 44.1519, -119.3362



46.7991, 87.3733, -51.9384



46.8002, 105.1419, 2.8807

Triad

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



46.8002, 87.3706, -51.9361



46.8002, -2.8508, 32.7602



46.8002, -52.9438, -53.0933

Complementary

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



46.7991, 87.3733, -51.9384



74.3215, -62.5446, 43.4930

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.



46.8002, -58.0807, 2.2117



46.7991, 87.3733, -51.9384



46.8002, -35.9340, 32.1482

Square

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



46.8002, 87.3706, -51.9361



46.8002, 43.3249, 32.1876



46.8002, -53.1229, 26.5557



46.8002, -35.5096, -120.3209

Rectangle

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



46.7991, 87.3733, -51.9384



46.8002, 96.6534, 21.7686



46.8002, -53.1229, 26.5557



46.8002, -55.8314, -31.5142

Sweetspot

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



46.8002, 87.3706, -51.9361



79.6393, 31.6206, -18.4961



25.4690, 59.1999, -152.4494



35.7865, 16.8402, -9.9649

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.8002, 87.3706, -51.9361



52.5601, 102.1217, -59.9183



42.6359, 72.2095, 5.0598



38.2114, 3.0129, -1.1637



35.1910, 68.3919, -40.2542



9.5879, 18.6667, -11.2246

Inverse Universe

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



46.8002, 87.3706, -51.9361



52.5601, 102.1217, -59.9183



75.4165, -55.7395, 27.4142



38.2114, 3.0129, -1.1637



35.1910, 68.3919, -40.2542



9.5879, 18.6667, -11.2246

Previews

White Background



This preview shows how the HunterLab color 46.7991, 87.3733, -51.9384 looks on a white background.

Color Contrast Check

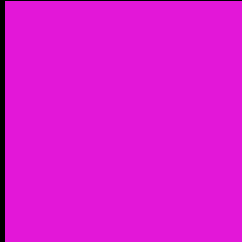
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7991, 87.3733, -51.9384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

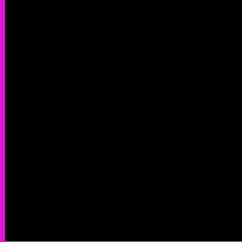
Any Text WCAG AA ✓ Pass

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 46.7991, 87.3733, -51.9384 Background



This preview shows how black text looks on a background with the HunterLab color 46.7991, 87.3733, -51.9384.



This preview shows how white text looks on a background with the HunterLab color 46.7991, 87.3733, -51.9384.

-51.9384.

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

46.7991, 87.3733, -51.9384

Protanopia

47.4005, 16.8813, -88.8348

Deuteranopia

47.3822, 3.6469, -41.4386



Tritanopia

46.7817, 44.3197, 16.7701

Trichromacy



Original Color

46.7991, 87.3733, -51.9384



Protanomaly

40.9574, 41.8511, -94.4978



Deuteranomaly

41.9663, 36.8988, -57.8028



Tritanomaly

45.3134, 60.7894, -1.9807

Monochromacy



Original Color

46.7991, 87.3733, -51.9384



Achromatopsia

37.9643, -2.0257, 2.0627



Achromatomaly

37.0516, 33.1999, -20.1038

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7991, 87.3733, -51.9384 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(227, 23, 216)` looks like.

```
.text, #text, p{  
    color:rgb(227, 23, 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(227, 23, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 23, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7991, 87.3733, -51.9384 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(227, 23, 216) }
```


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

```
.border{ border-color:rgb(227, 23, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 23, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 23, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 23, 216);  
box-shadow:4px 4px 4px 4px rgb(227, 23,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7991, 87.3733, -51.9384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 23, 216) }
```

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

```
.background{ background-color: rgb(227, 23,  
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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