

Converting Colors

HunterLab(48.9143, 87.6754,
-34.5589)

Have a look what the booklet for
HunterLab(48.9143, 87.6754,
-34.5589) contains.

HunterLab(48.9143, 87.6754, -34.5589)	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(48.9143, 87.6754,
-34.5589)**

Conversions

Conversions Part 1	
Format	Color
Hex	F21DC8
RGB	242, 29, 200
RGB Percent	95%, 11%, 78%
CMY	0.0510, 0.8862, 0.2157
CMYK	0.00, 0.88, 0.17, 0.05
HSL	312°, 89%, 53%
HSV	312°, 88%, 95%
XYZ	47.4826, 23.9261, 56.7592
YIQ	112.1810, 72.0570, 98.3370

Conversions

Conversions Part 2

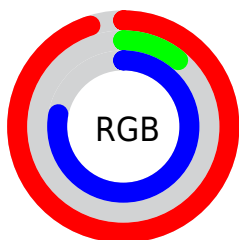
Format	Color
RYB	242, 29, 200
Decimal	15867336
CIELab	56.01, 86.33, -36.80
CIELCh	56, 93.845, 336.914
Yxy	23.9273, 0.3705, 0.1867
Android (android.graphics.Color)	4294057416 (0xFFFF21DC8)
YUV	112.1810, 43.2948, 113.8513
Hunter-Lab	48.9143, 87.6754, -34.5589

Details

The HunterLab color **48.9143, 87.6754, -34.5589** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **80.1383, -65.8519, 43.8148**, and the grayscale version is **40.1468, -2.1421, 2.1813**.

A 20% lighter version of the original color is **62.6140, 74.7371, -49.6944**, and **34.4950, 65.0899, -24.3460** is the 20% darker color. If you saturate the color by 10%, you get **47.8879, 89.6968, -33.0117**, and if you desaturate by 10%, it is **50.8337, 82.7278, -34.4263**.

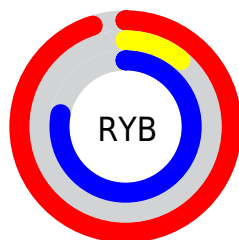
Distribution



Red (95%)

Green (11%)

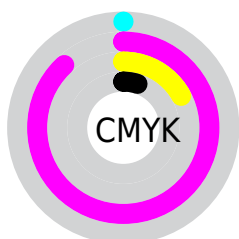
Blue (78%)



Red (95%)

Yellow (11%)

Blue (78%)

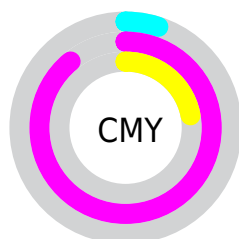


Cyan (0%)

Magenta (88%)

Yellow (17%)

Black (5%)



Cyan (5%)


Magenta (89%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.9143, 87.6754, -34.5589 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 48.9143, 87.6754, -34.5589 by changing the saturation by 10% instead.


 48.9143, 87.6754,
-34.5589


 48.9143, 87.6754,
-34.5589


165.0614,
108.4088, -38.9187


 39.0893, 85.1530,
-33.9219


 70.6481, 92.7675,
-35.8214

 30.0265, 82.8103,
-33.3569


 82.4724, 95.2456,
-36.4062


 21.7981, 80.9420,
-32.9973

 94.8914, 97.6494,
-36.9465

 14.4991, 80.2978,
-33.1839

 107.8779, 99.9711,
-37.4390

 8.1602, 84.7102,
-35.5993

 121.4081,
102.2075, -37.8822

0.0000, INF, -NF


0.0000, NaN, NaN


135.4609,

104.3583, -38.2760


0.0000, NaN, NaN

150.0177,
106.4247, -38.6212


 48.9143, 87.6754,
-34.5589


 48.9143, 87.6754,
-34.5589


 47.8879, 89.6968,
-33.0117


 50.8337, 82.7278,
-34.4263

 47.7335, 89.9309,
-32.6110

 53.7354, 74.9712,
-32.5242

 57.5997, 65.0287,
-29.0731

 62.3481, 53.6624,
-24.4316

 67.8760, 41.5397,
-18.9627

74.0758, 29.1400,
-12.9632

80.8489, 16.7605,
-6.6456

88.1106, 4.5612,
-0.1502

95.7907, -7.3873,
6.4366

Harmonies

Analogous

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



48.9156, 51.3012, -96.1509



48.9143, 87.6754, -34.5589



48.9156, 96.7799, 10.5213

Triad

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



48.9156, 87.6718, -34.5568



48.9156, -11.3475, 33.9515



48.9156, -49.4189, -62.8189

Complementary

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



48.9143, 87.6754, -34.5589



80.1383, -65.8519, 43.8148

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.



48.9156, -57.1524, -6.7645



48.9143, 87.6754, -34.5589



48.9156, -40.1086, 32.2845

Square

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



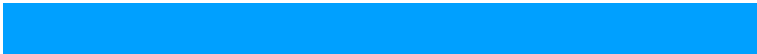
48.9156, 87.6718, -34.5568



48.9156, 30.5391, 33.3725



48.9156, -54.3826, 23.2401



48.9156, -28.7666, -119.6166

Rectangle

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



48.9143, 87.6754, -34.5589



48.9156, 84.2242, 25.2494



48.9156, -54.3826, 23.2401



48.9156, -53.2623, -42.1008

Sweetspot

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



48.9156, 87.6718, -34.5568



79.9578, 28.3740, -12.4806



29.1925, 64.2074, -151.5014



35.8814, 15.2460, -6.8302

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.9156, 87.6718, -34.5568



50.6497, 95.4140, -34.5175



45.3986, 74.6449, 14.6816



39.9686, 2.9084, -0.5090



35.0142, 66.0145, -24.2849



10.1655, 19.2753, -7.9001

Inverse Universe

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



48.9156, 87.6718, -34.5568



50.6497, 95.4140, -34.5175



81.7582, -55.8463, 20.1546



39.9686, 2.9084, -0.5090



35.0142, 66.0145, -24.2849



10.1655, 19.2753, -7.9001

Previews

White Background



This preview shows how the HunterLab color 48.9143, 87.6754, -34.5589 looks on a white background.

Color Contrast Check

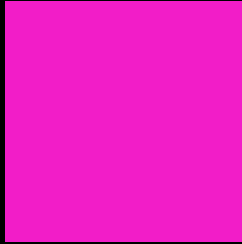
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9143, 87.6754, -34.5589 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 48.9143, 87.6754, -34.5589 Background



This preview shows how black text looks on a background with the HunterLab color 48.9143, 87.6754, -34.5589.



This preview shows how white text looks on a background with the HunterLab color 48.9143, 87.6754, -34.5589.

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

48.9143, 87.6754, -34.5589

Protanopia

49.6093, 15.4171, -82.2304

Deuteranopia

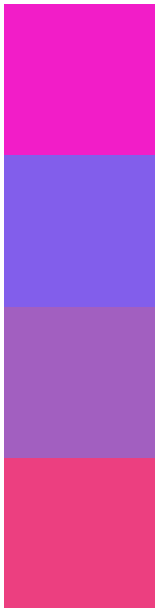
49.1811, 3.9460, -26.9819



Tritanopia

48.8656, 53.3539, 20.1045

Trichromacy



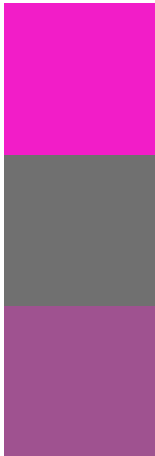
Original Color
48.9143, 87.6754, -34.5589

Protanomaly
43.3006, 40.4908, -80.2301

Deuteranomaly
44.3526, 37.1108, -38.6848

Tritanomaly
47.9024, 66.2146, 5.3995

Monochromacy



Original Color
48.9143, 87.6754, -34.5589

Achromatopsia
40.2529, -2.1478, 2.1870

Achromatomaly
39.2672, 32.8779, -15.0680

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9143, 87.6754, -34.5589 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(242, 29, 200)` looks like.

```
.text, #text, p{  
    color:rgb(242, 29, 200)  
}
```

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(242, 29, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 29, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9143, 87.6754, -34.5589 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(242, 29, 200) }
```


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

```
.border{ border-color:rgb(242, 29, 200) }
```

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

Here you see how a box with a 4 pixel rgb(242, 29, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 29, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 29, 200);  
box-shadow:4px 4px 4px 4px rgb(242, 29,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9143, 87.6754, -34.5589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 29, 200) }
```

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

```
.background{ background-color: rgb(242, 29,  
200) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor