

Converting Colors

HunterLab(46.5036, 72.5382,
-8.2852)

Have a look what the booklet for
HunterLab(46.5036, 72.5382,
-8.2852) contains.

HunterLab(46.5321, 72.4978, -8.4578)	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(46.5321, 72.4978,
-8.4578)**

Conversions

Conversions Part 1

Format	Color
Hex	E83199
RGB	232, 49, 153
RGB Percent	91%, 19%, 60%
CMY	0.0902, 0.8078, 0.4000
CMYK	0.00, 0.79, 0.34, 0.09
HSL	326°, 80%, 55%
HSV	326°, 79%, 91%
XYZ	40.1268, 21.6524, 32.2015
YIQ	115.5730, 75.6840, 71.1400

Conversions

Conversions Part 2

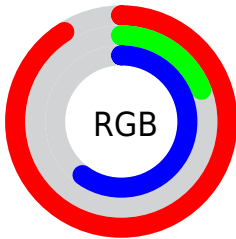
Format	Color
R_{YB}	232, 49, 153
Decimal	15217049
CIE _{Lab}	53.66, 74.84, -13.15
CIE _{LCh}	54, 75.991, 350.034
Yxy	21.6535, 0.4270, 0.2304
Android (android.graphics.Color)	4293407129 (0xFFE83199)
YUV	115.5730, 18.4515, 102.1065
Hunter-Lab	46.5321, 72.4978, -8.4578

Details

The HunterLab color **46.5321, 72.4978, -8.4578** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **77.4116, -57.0224, 31.0574**, and the grayscale version is **41.5396, -2.2165, 2.2569**.

A 20% lighter version of the original color is **61.4814, 62.3091, -17.9520**, and **31.0117, 56.2017, -3.9397** is the 20% darker color. If you saturate the color by 10%, you get **44.5748, 76.5713, -5.7500**, and if you desaturate by 10%, it is **49.4603, 65.8229, -9.9165**.

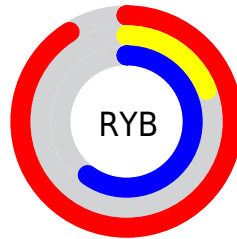
Distribution



Red (91%)

Green (19%)

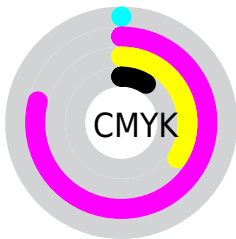
Blue (60%)



Red (91%)

Yellow (19%)

Blue (60%)

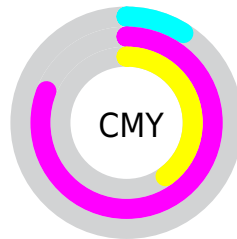


Cyan (0%)

Magenta (79%)

Yellow (34%)

Black (9%)



Cyan (9%)

Magenta (81%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5321, 72.4978, -8.4578 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 46.5321, 72.4978, -8.4578 by changing the saturation by 10% instead.

46.5321, 72.4978,
-8.4578

46.5321, 72.4978,
-8.4578

161.4719, 90.8314,
-6.8770

36.8816, 70.1131,
-8.3432

67.9505, 77.1611,
-8.4774

28.0085, 67.8145,
-8.1536

79.6302, 79.3831,
-8.3965

19.9894, 65.8310,
-7.8826

91.9116, 81.5155,
-8.2608

12.9275, 64.7894,
-7.5342

104.7666, 83.5560,
-8.0742

6.3632, 75.5372,
-8.7492

118.1706, 85.5053,
-7.8398

0.0000, INF, -NF

0.0000, INF, NaN

132.1020, 87.3656,

-7.5605

0.0000, NaN, NaN

146.5415, 89.1398,
-7.2389

0.0000, NaN, NaN

■ 46.5321, 72.4978,
-8.4578

■ 46.5321, 72.4978,
-8.4578

■ 44.5748, 76.5713,
-5.7500

■ 49.4603, 65.8229,
-9.9165

■ 43.4801, 78.0182,
-2.0854


■ 53.3230, 57.1704,
-10.1194

■ 43.3790, 78.1181,
-1.6608


■ 58.0334, 47.2559,
-9.2097


■ 63.4820, 36.6871,
-7.3962

■ 69.5606, 25.8855,
-4.8845

 76.1727, 15.1033,
-1.8469

 83.2371, 4.4709,
1.5846

 90.6875, -5.9573,
5.3133

 97.5478, -14.7333,
8.2427

Harmonies

Analogous

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



46.5334, 52.9449, -50.9987



46.5321, 72.4978, -8.4578



46.5334, 68.2838, 18.1391

Triad

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



46.5334, 72.4938, -8.4562



46.5334, -21.2915, 30.5696



46.5334, -35.0692, -65.7903

Complementary

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



46.5321, 72.4978, -8.4578



77.4116, -57.0224, 31.0574

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.



46.5334, -46.4726, -21.5417



46.5321, 72.4978, -8.4578



46.5334, -40.0922, 26.2910

Square

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



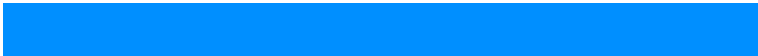
46.5334, 72.4938, -8.4562



46.5334, 8.3502, 30.9661



46.5334, -48.0305, 11.3607



46.5334, -12.4121, -95.8998

Rectangle

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



46.5321, 72.4978, -8.4578



46.5334, 52.8804, 26.3091



46.5334, -48.0305, 11.3607



46.5334, -40.0628, -51.1001

Sweetspot

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



46.5334, 72.4938, -8.4562



80.8630, 23.1014, -3.8945



35.2185, 60.8171, -105.7582



36.2095, 12.6808, -2.3454

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.5334, 72.4938, -8.4562



48.7410, 86.5313, -3.7635



44.4149, 64.1846, 21.9644



38.0848, 2.3353, 0.6337



32.3611, 58.3493, -1.8012



8.9018, 16.2402, -1.9647

Inverse Universe

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



46.5334, 72.4938, -8.4562



48.7410, 86.5313, -3.7635



79.6012, -43.7386, -0.4850



38.0848, 2.3353, 0.6337



32.3611, 58.3493, -1.8012



8.9018, 16.2402, -1.9647

Previews

White Background



This preview shows how the HunterLab color 46.5321, 72.4978, -8.4578 looks on a white background.

Color Contrast Check

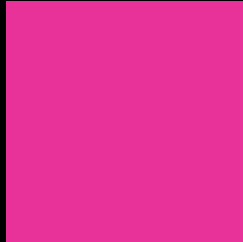
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.5321, 72.4978, -8.4578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

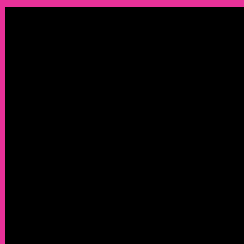
Any Text WCAG AA ✓ Pass

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 46.5321, 72.4978, -8.4578 Background



This preview shows how black text looks on a background with the HunterLab color 46.5321, 72.4978, -8.4578.



This preview shows how white text looks on a background with the HunterLab color 46.5321, 72.4978, -8.4578.

-8.4578.

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

46.5321, 72.4978, -8.4578

Protanopia

46.8771, 7.9763, -44.8296

Deuteranopia

46.6360, 3.3546, -4.7493



Tritanopia

46.5100, 54.4711, 20.6624

Trichromacy



Original Color

46.5321, 72.4978, -8.4578

Protanomaly

43.0421, 29.8879, -37.7152

Deuteranomaly

43.8201, 29.7087, -9.8269

Tritanomaly

46.2004, 60.9294, 12.3840

Monochromacy



Original Color

46.5321, 72.4978, -8.4578

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

40.6305, 25.0656, -4.8318

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.5321, 72.4978, -8.4578 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(232, 49, 153)` looks like.

```
.text, #text, p{  
    color:rgb(232, 49, 153)  
}
```

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(232, 49, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 49, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5321, 72.4978, -8.4578 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(232, 49, 153) }
```


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

```
.border{ border-color:rgb(232, 49, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 49, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 49, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 49, 153);  
box-shadow:4px 4px 4px 4px rgb(232, 49,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.5321, 72.4978, -8.4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 49, 153) }
```

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

```
.background{ background-color: rgb(232, 49,  
153) }
```

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