

Converting Colors

HunterLab(29.7849, 36.9017,
-45.4820)

Have a look what the booklet for
HunterLab(29.7849, 36.9017,
-45.4820) contains.

HunterLab(29.8142, 36.5946, -45.3163)	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(29.8142, 36.5946,
-45.3163)**

Conversions

Conversions Part 1

Format	Color
Hex	75369E
RGB	117, 54, 158
RGB Percent	46%, 21%, 62%
CMY	0.5412, 0.7882, 0.3804
CMYK	0.26, 0.66, 0.00, 0.38
HSL	276°, 49%, 42%
HSV	276°, 66%, 62%
XYZ	14.8268, 8.8889, 33.2820
YIQ	84.6930, 4.1640, 45.7000

Conversions

Conversions Part 2

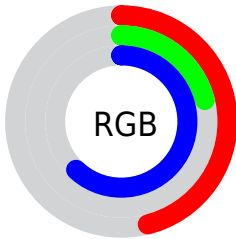
Format	Color
R _Y B	117, 54, 158
Decimal	7681694
CIE Lab	35.77, 46.01, -45.47
CIE LCh	36, 64.687, 315.343
Yxy	8.8892, 0.2601, 0.1560
Android (android.graphics.Color)	4285871774 (0xFF75369E)
YUV	84.6930, 36.1404, 28.3332
Hunter-Lab	29.8142, 36.5946, -45.3163

Details

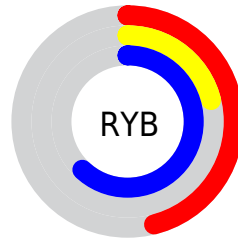
The HunterLab color $29.8142, 36.5946, -45.3163$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $52.1087, -30.8590, 27.5976$, and the grayscale version is $29.8997, -1.5954, 1.6245$.

A 20% lighter version of the original color is $48.6599, 39.8432, -46.0212$, and $14.5966, 32.1260, -45.8302$ is the 20% darker color. If you saturate the color by 10%, you get $26.8935, 41.8640, -54.0102$, and if you desaturate by 10%, it is $33.2449, 30.6868, -36.6677$.

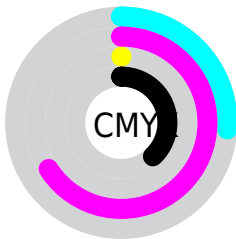
Distribution



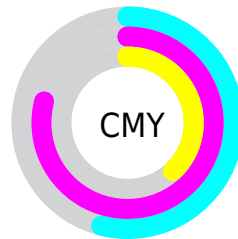
- Red (46%)
- Green (21%)
- Blue (62%)



- Red (46%)
- Yellow (21%)
- Blue (62%)



- Cyan (26%)
- Magenta (66%)
- Yellow (0%)
- Black (38%)



- Cyan (54%)
- Magenta (79%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8142, 36.5946, -45.3163 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 29.8142, 36.5946, -45.3163 by changing the saturation by 10% instead.

29.8142, 36.5946,
-45.3163

29.8142, 36.5946,
-45.3163

135.1108, 48.5617,
-50.9327

21.6078, 34.7479,
-45.4322

48.6663, 39.9951,
-46.2644

14.3331, 32.9060,
-46.6768

59.1841, 41.5220,
-46.9455

7.9924, 32.4620,
-52.1375

70.3663, 42.9368,
-47.6600

0.0000, INF, -NF

0.0000, NaN, -NF

82.1757, 44.2460,
-48.3736

0.0000, NaN, -NF

94.5805, 45.4566,
-49.0667

0.0000, NaN, NaN

107.5534, 46.5754,

0.0000, NaN, NaN

-49.7281

0.0000, NaN, NaN

121.0705, 47.6086,
-50.3513

■ 29.8142, 36.5946,
-45.3163

■ 29.8142, 36.5946,
-45.3163

■ 26.8935, 41.8640,
-54.0102

■ 33.2449, 30.6868,
-36.6677

■ 24.5636, 45.9497,
-62.1390

■ 37.0999, 24.5221,
-28.4056

■ 22.8609, 48.3370,
-68.9615

■ 41.3067, 18.3193,
-20.6572

■ 22.2259, 49.1692,
-71.7353

■ 45.8059, 12.1860,
-13.4316

■ 50.5508, 6.1645,
-6.6832

■ 55.5048, 0.2631,
-0.3475

■ 60.6395, -5.5263,
5.6411

■ 65.9325, -11.2181,
11.3420

■ 71.3659, -16.8285,
16.8065

Harmonies

Analogous

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



29.8148, 10.9625, -73.5056



29.8142, 36.5946, -45.3163



29.8148, 54.0170, -11.0262

Triad

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



29.8148, 36.5943, -45.3151



29.8148, 10.3751, 20.8703



29.8148, -33.2604, -11.7081

Complementary

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



29.8142, 36.5946, -45.3163



52.1087, -30.8590, 27.5976

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.



29.8148, -33.3310, 10.3886



29.8142, 36.5946, -45.3163



29.8148, -12.3618, 20.8703

Square

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



29.8148, 36.5943, -45.3151



29.8148, 36.0541, 18.6813



29.8148, -26.8747, 18.5972



29.8148, -26.6395, -46.1246

Rectangle

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



29.8142, 36.5946, -45.3163



29.8148, 56.0639, 5.2623



29.8148, -26.8747, 18.5972



29.8148, -33.9660, -2.5423

Sweetspot

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



29.8148, 36.5943, -45.3151



65.1623, 11.9948, -13.0870



33.9796, 2.7309, -35.4570



30.1390, 6.7177, -7.3641



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



29.8148, 36.5943, -45.3151



34.6536, 59.2646, -78.1152



34.6888, 45.9844, -25.4235



25.7371, 1.0869, -1.1845



19.9490, 44.0738, -63.9345



3.0848, 6.4288, -6.8899

Inverse Universe

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



32.7626, 37.9311, 1.2595



40.0403, 59.9925, 4.8376



50.6092, -36.7709, 24.7884



25.8598, 1.2409, 0.9966



24.7189, 43.4986, 6.9282



3.4251, 6.2515, -0.7782

Previews

White Background



This preview shows how the HunterLab color 29.8142, 36.5946, -45.3163 looks on a white 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 29.8142, 36.5946, -45.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

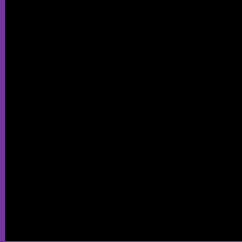
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 29.8142, 36.5946, -45.3163 Background



This preview shows how black text looks on a background with the HunterLab color 29.8142, 36.5946, -45.3163.



This preview shows how white text looks on a background with the HunterLab color 29.8142, 36.5946, -45.3163.

-45.3163.

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

29.8142, 36.5946, -45.3163

Protanopia

30.0861, 10.0023, -59.1971

Deuteranopia

30.0695, 2.1489, -40.0065



Tritanopia

29.7915, 7.3267, 2.1989

Trichromacy



Original Color

29.8142, 36.5946, -45.3163

Protanomaly

28.2409, 16.1961, -60.0899

Deuteranomaly

28.2622, 12.1188, -46.5080

Tritanomaly

29.3824, 16.9209, -11.3659

Monochromacy



Original Color

29.8142, 36.5946, -45.3163

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

29.3408, 11.3350, -12.6983

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8142, 36.5946, -45.3163 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(117, 54, 158)` looks like.

```
.text, #text, p{  
    color:rgb(117, 54, 158)  
}
```

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(117, 54, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 54, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8142, 36.5946, -45.3163 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(117, 54, 158) }
```


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

```
.border{ border-color:rgb(117, 54, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 54, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 54, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 54, 158);  
box-shadow:4px 4px 4px 4px rgb(117, 54,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.8142, 36.5946, -45.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 54, 158) }
```

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

```
.background{ background-color: rgb(117, 54,  
158) }
```

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