

Converting Colors

HunterLab(36.6892, 15.2635,
-29.9039)

Have a look what the booklet for
HunterLab(36.6892, 15.2635,
-29.9039) contains.

HunterLab(36.7696, 15.0576, -29.9697)	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(36.7696, 15.0576,
-29.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5D9F
RGB	108, 93, 159
RGB Percent	42%, 36%, 62%
CMY	0.5765, 0.6353, 0.3765
CMYK	0.32, 0.42, 0.00, 0.38
HSL	254°, 26%, 49%
HSV	254°, 42%, 62%
XYZ	16.3567, 13.5200, 34.5484
YIQ	105.0090, -12.2460, 23.7060

Conversions

Conversions Part 2

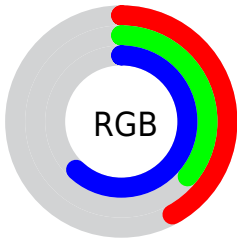
Format	Color
R_{YB}	108, 93, 159
Decimal	7101855
CIE _{Lab}	43.54, 21.49, -33.76
CIE _{LCh}	44, 40.021, 302.477
Yxy	13.5205, 0.2539, 0.2099
Android (android.graphics.Color)	4285291935 (0xFF6C5D9F)
YUV	105.0090, 26.6176, 2.6231
Hunter-Lab	36.7696, 15.0576, -29.9697

Details

The HunterLab color $36.7696, 15.0576, -29.9697$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $56.1392, -15.9692, 23.3755$, and the grayscale version is $37.4948, -2.0006, 2.0372$.

A 20% lighter version of the original color is $56.6366, 16.4200, -31.4122$, and $19.9109, 13.1875, -28.9207$ is the 20% darker color. If you saturate the color by 10%, you get $32.0884, 20.1279, -40.4818$, and if you desaturate by 10%, it is $41.7532, 10.3054, -20.6694$.

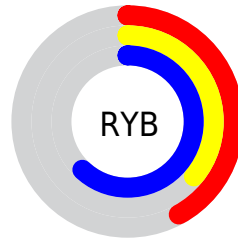
Distribution



Red (42%)

Green (36%)

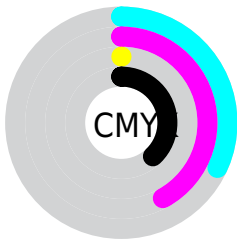
Blue (62%)



Red (42%)

Yellow (36%)

Blue (62%)

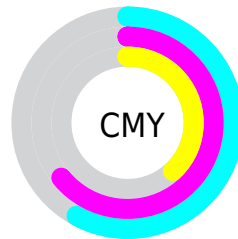


Cyan (32%)

Magenta (42%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (64%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7696, 15.0576, -29.9697 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 36.7696, 15.0576, -29.9697 by changing the saturation by 10% instead.

36.7696, 15.0576,
-29.9697

36.7696, 15.0576,
-29.9697

146.3651, 17.8574,
-34.2257

27.9069, 14.2921,
-29.4038

56.7766, 16.2410,
-31.1932

19.8987, 13.3868,
-29.0176

67.8140, 16.6873,
-31.7716

12.8490, 12.3206,
-29.1520

79.4863, 17.0507,
-32.3066

6.2578, 14.6641,
-35.1848

91.7606, 17.3389,
-32.7927

0.0000, NaN, -NF

0.0000, NaN, -NF

104.6088, 17.5587,
-33.2275

0.0000, NaN, NaN

118.0064, 17.7154,

0.0000, NaN, NaN

-33.6108

0.0000, NaN, NaN

131.9316, 17.8137,
-33.9431

■ 36.7696, 15.0576,
-29.9697

■ 36.7696, 15.0576,
-29.9697

■ 32.0884, 20.1279,
-40.4818

■ 41.7532, 10.3054,
-20.6694

■ 27.7865, 25.5250,
-52.4213

■ 46.9813, 5.8241,
-12.3432

■ 23.9753, 31.1331,
-65.7976

■ 52.4141, 1.5596,
-4.7795

■ 20.8020, 36.5559,
-80.0321

■ 58.0221, -2.5361,
2.1907

■ 18.4343, 40.9539,
-93.4215

■ 63.7831, -6.5023,
8.6985

■ 16.9728, 43.8145,
-103.3562

■ 69.6798, -10.3702,
14.8446

■ 75.6987, -14.1643,
20.7062

■ 81.8289, -17.9035,
26.3427

■ 88.0613, -21.6029,
31.8004

Harmonies

Analogous

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



36.7703, -0.6938, -37.9441



36.7696, 15.0576, -29.9697



36.7703, 27.6643, -13.2786

Triad

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



36.7703, 15.0573, -29.9687



36.7703, 12.5184, 19.0917



36.7703, -26.8160, 0.7810

Complementary

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



36.7696, 15.0576, -29.9697



56.1392, -15.9692, 23.3755

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.



36.7703, -24.4327, 12.6587



36.7696, 15.0576, -29.9697



36.7703, -3.2171, 20.3383

Square

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



36.7703, 15.0573, -29.9687



36.7703, 26.0392, 14.0067



36.7703, -16.3604, 18.5646



36.7703, -23.4886, -16.2460

Rectangle

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



36.7696, 15.0576, -29.9697



36.7703, 31.6756, -1.8220



36.7703, -16.3604, 18.5646



36.7703, -26.6562, 5.4539

Sweetspot

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



36.7703, 15.0573, -29.9687



69.6113, 2.4896, -7.0958



49.9900, -13.0252, -8.3278



32.6313, 1.5033, -3.9297



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.



36.7703, 15.0573, -29.9687



43.2793, 26.5458, -53.3417



39.9173, 24.2240, -23.6993



25.5037, 0.2938, -1.4984



15.1378, 38.9843, -91.4600



2.4040, 5.5874, -9.8456

Inverse Universe

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



41.4893, 27.4085, -11.6609



51.3596, 45.8024, -19.3167



53.8628, -24.6058, 21.3594



25.9399, 1.6706, -0.1423



26.3725, 49.4609, -16.2695



3.6084, 6.9032, -3.2777

Previews

White Background



This preview shows how the HunterLab color 36.7696, 15.0576, -29.9697 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 × Fail

Black Background



This preview shows how the HunterLab color 36.7696, 15.0576, -29.9697 looks on a black 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

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

HunterLab 36.7696, 15.0576, -29.9697 Background



This preview shows how black text looks on a background with the HunterLab color 36.7696, 15.0576, -29.9697.



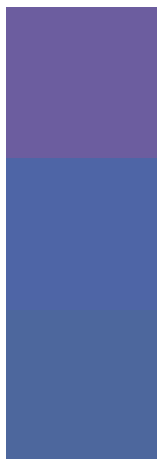
This preview shows how white text looks on a background with the HunterLab color 36.7696, 15.0576, -29.9697.

-29.9697.

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

36.7696, 15.0576, -29.9697

Protanopia

36.9868, 6.1122, -34.9325

Deuteranopia

37.0305, 2.6651, -28.2080



Tritanopia

36.6974, -1.9022, -2.1871

Trichromacy



Original Color

36.7696, 15.0576, -29.9697

Protanomaly

36.7472, 9.0330, -33.1052

Deuteranomaly

36.6974, 7.0770, -29.5258

Tritanomaly

36.5150, 4.0661, -11.1512

Monochromacy



Original Color

36.7696, 15.0576, -29.9697

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.2185, 3.4465, -7.9137

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7696, 15.0576, -29.9697 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(108, 93, 159)` looks like.

```
.text, #text, p{  
    color:rgb(108, 93, 159)  
}
```

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(108, 93, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 93, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7696, 15.0576, -29.9697 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(108, 93, 159) }
```


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

```
.border{ border-color:rgb(108, 93, 159) }
```

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

Here you see how a box with a 4 pixel rgb(108, 93, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 93, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 93, 159);  
box-shadow:4px 4px 4px 4px rgb(108, 93,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7696, 15.0576, -29.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 93, 159) }
```

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

```
.background{ background-color: rgb(108, 93,  
159) }
```

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