

Converting Colors

HunterLab(35.8541, 11.2928,
-27.5454)

Have a look what the booklet for
HunterLab(35.8541, 11.2928,
-27.5454) contains.

HunterLab(35.7509, 11.3791, -27.7511)	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(35.7509, 11.3791,
-27.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	635D99
RGB	99, 93, 153
RGB Percent	39%, 36%, 60%
CMY	0.6118, 0.6353, 0.4000
CMYK	0.35, 0.39, 0.00, 0.40
HSL	246°, 24%, 48%
HSV	246°, 39%, 60%
XYZ	14.8097, 12.7813, 31.8235
YIQ	101.6340, -15.6840, 19.9320

Conversions

Conversions Part 2

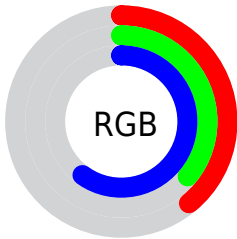
Format	Color
R_{YB}	99, 93, 153
Decimal	6512025
CIE _{Lab}	42.43, 17.19, -31.98
CIE _{LCh}	42, 36.310, 298.261
Yxy	12.7817, 0.2493, 0.2151
Android (android.graphics.Color)	4284702105 (0xFF635D99)
YUV	101.6340, 25.3234, -2.3100
Hunter-Lab	35.7509, 11.3791, -27.7511

Details

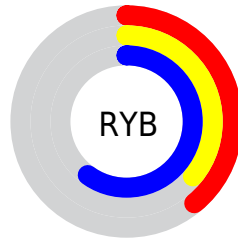
The HunterLab color $[35.7509, 11.3791, -27.7511]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[54.5675, -12.4056, 22.1544]$, and the grayscale version is $[36.2257, -1.9329, 1.9682]$.

A 20% lighter version of the original color is $[55.5647, 12.4885, -29.2180]$, and $[19.0927, 10.3549, -27.0896]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.0622, 15.8667, -38.1063]$, and if you desaturate by 10%, it is $[40.7241, 7.3014, -18.6549]$.

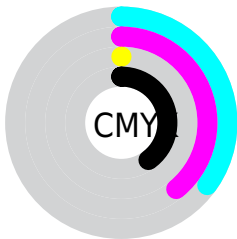
Distribution



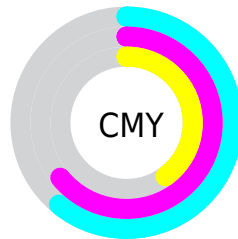
- Red (39%)
- Green (36%)
- Blue (60%)



- Red (39%)
- Yellow (36%)
- Blue (60%)



- Cyan (35%)
- Magenta (39%)
- Yellow (0%)
- Black (40%)



- Cyan (61%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.7509, 11.3791, -27.7511 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 35.7509, 11.3791, -27.7511 by changing the saturation by 10% instead.

■ 35.7509, 11.3791, -27.7511

■ 35.7509, 11.3791, -27.7511

■ 144.7460, 12.6028, -31.7138

■ 26.9786, 10.8244, -27.1853

■ 55.5978, 12.1655, -28.9366

■ 19.0705, 10.1367, -26.7758

■ 66.5627, 12.4251, -29.4855

■ 12.1349, 9.2887, -26.8502

■ 78.1666, 12.6087, -29.9872

■ 5.1894, 14.1592, -36.6781

■ 90.3759, 12.7236, -30.4371

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 103.1620, 12.7760, -30.8342

0.0000, NaN, NaN

■ 116.4999, 12.7706,

0.0000, NaN, NaN

-31.1785

0.0000, NaN, NaN

130.3678, 12.7117,
-31.4712

■ 35.7509, 11.3791,
-27.7511

■ 35.7509, 11.3791,
-27.7511

■ 31.0622, 15.8667,
-38.1063

■ 40.7241, 7.3014,
-18.6549

■ 26.7324, 20.8392,
-50.0046

■ 45.9267, 3.5485,
-10.5443

■ 22.8724, 26.2894,
-63.5680

■ 51.3220, 0.0459,
-3.1911

■ 19.6369, 31.9601,
-78.3344

■ 56.8823, -3.2658,
3.5806

■ 17.2159, 37.0851,
-92.5325

■ 62.5873, -6.4321,
9.9038

■ 15.6191, 41.0437,
-104.0576

■ 68.4210, -9.4876,
15.8792

■ 15.5050, 41.3858,
-104.9644

■ 74.3709, -12.4589,
21.5828

■ 80.4269, -15.3660,
27.0728

■ 86.5809, -18.2245,
32.3939

Harmonies

Analogous

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



35.7516, -2.7020, -33.0622



35.7509, 11.3791, -27.7511



35.7516, 23.2478, -13.8276

Triad

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



35.7516, 11.3789, -27.7501



35.7516, 12.9634, 17.3286



35.7516, -24.5337, 2.6950

Complementary

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



35.7509, 11.3791, -27.7511



54.5675, -12.4056, 22.1544

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.



35.7516, -21.5961, 12.7419



35.7509, 11.3791, -27.7511



35.7516, -1.1101, 18.9828

Square

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



35.7516, 11.3789, -27.7501



35.7516, 24.2548, 11.8603



35.7516, -13.5022, 17.6870



35.7516, -22.2058, -12.0010

Rectangle

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



35.7509, 11.3791, -27.7511



35.7516, 27.5709, -3.5124



35.7516, -13.5022, 17.6870



35.7516, -24.1393, 6.6599

Sweetspot

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



35.7516, 11.3789, -27.7501



66.4738, 1.4479, -7.1530



50.4924, -15.1903, -4.5410



30.8418, 0.9329, -3.8892



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



35.7516, 11.3789, -27.7501



42.3511, 20.4263, -49.1045



38.4658, 19.5444, -22.4080



24.6057, 0.0237, -1.5337



14.1223, 37.6443, -95.2091



1.9143, 4.7627, -10.2701

Inverse Universe

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



40.8754, 25.9291, -14.3983



51.0047, 43.2605, -24.1435



52.3020, -20.8702, 20.1228



25.1257, 1.7432, -0.5080



26.6633, 51.3328, -26.7319



3.3008, 6.4185, -3.8031

Previews

White Background



This preview shows how the HunterLab color 35.7509, 11.3791, -27.7511 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 35.7509, 11.3791, -27.7511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

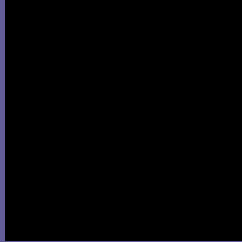
Any Text WCAG AA × Fail

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 35.7509, 11.3791, -27.7511 Background



This preview shows how black text looks on a background with the HunterLab color 35.7509, 11.3791, -27.7511.



This preview shows how white text looks on a background with the HunterLab color 35.7509, 11.3791, -27.7511.

-27.7511.

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

35.7509, 11.3791, -27.7511

Protanopia

35.8102, 5.5273, -31.3945

Deuteranopia

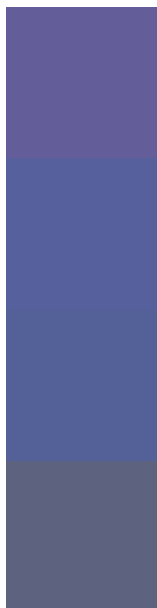
35.9414, 2.6849, -26.8096



Tritanopia

35.7801, -3.8358, -2.4644

Trichromacy



Original Color

35.7509, 11.3791, -27.7511

Protanomaly

35.6994, 7.6341, -30.1052

Deuteranomaly

35.6387, 5.7408, -27.3587

Tritanomaly

35.7172, 1.1738, -10.7365

Monochromacy



Original Color

35.7509, 11.3791, -27.7511

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.1536, 2.2973, -7.3473

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.7509, 11.3791, -27.7511 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(99, 93, 153)` looks like.

```
.text, #text, p{  
    color:rgb(99, 93, 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(99, 93, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 93, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 35.7509, 11.3791, -27.7511 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(99, 93, 153) }
```


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

```
.border{ border-color:rgb(99, 93, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 93, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 93, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 93, 153);  
box-shadow:4px 4px 4px 4px rgb(99, 93,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.7509, 11.3791, -27.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 93, 153) }
```

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

```
.background{ background-color: rgb(99, 93,  
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