

Converting Colors

HunterLab(36.3093, 51.4973,
-117.7879)

Have a look what the booklet for
HunterLab(36.3093, 51.4973,
-117.7879) contains.

HunterLab(36.4255, 51.3086, -117.2677)	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>	30

Color

**HunterLab(36.4255, 51.3086,
-117.2677)**

Conversions

Conversions Part 1

Format	Color
Hex	6144F5
RGB	97, 68, 245
RGB Percent	38%, 27%, 96%
CMY	0.6196, 0.7333, 0.0392
CMYK	0.60, 0.72, 0.00, 0.04
HSL	250°, 90%, 61%
HSV	250°, 72%, 96%
XYZ	23.4783, 13.2682, 87.7097
YIQ	96.8490, -39.5330, 61.1950

Conversions

Conversions Part 2

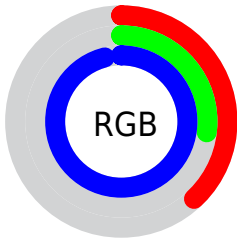
Format	Color
R _Y B	97, 68, 245
Decimal	6374645
CIE Lab	43.16, 58.70, -84.08
CIE LCh	43, 102.548, 304.922
Yxy	13.2685, 0.1887, 0.1066
Android (android.graphics.Color)	4284564725 (0xFF6144F5)
YUV	96.8490, 73.0384, 0.1324
Hunter-Lab	36.4255, 51.3086, -117.2677

Details

The HunterLab color **36.4255, 51.3086, -117.2677** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **89.6214, -33.3271, 51.0230**, and the grayscale version is **34.2649, -1.8283, 1.8617**.

A 20% lighter version of the original color is **53.0047, 40.4215, -72.4573**, and **19.8958, 47.3179, -127.0138** is the 20% darker color. If you saturate the color by 10%, you get **31.4878, 60.4606, -142.2004**, and if you desaturate by 10%, it is **42.6024, 41.7341, -93.2425**.

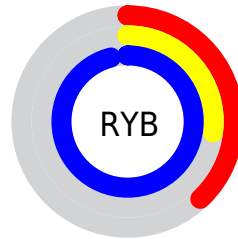
Distribution



Red (38%)

Green (27%)

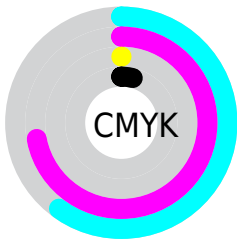
Blue (96%)



Red (38%)

Yellow (27%)

Blue (96%)

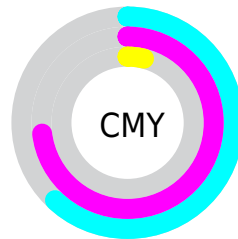


Cyan (60%)

Magenta (72%)

Yellow (0%)

Black (4%)



Cyan (62%)

Magenta (73%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4255, 51.3086, -117.2677 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 36.4255, 51.3086, -117.2677 by changing the saturation by 10% instead.

■ 36.4255, 51.3086,
-117.2677

■ 36.4255, 51.3086,
-117.2677

■ 145.8188, 66.3523,
-117.8693

■ 27.5929, 49.2031,
-121.4706

■ 56.3784, 55.3362,
-114.1393

■ 19.6182, 47.1501,
-129.6060

■ 67.3914, 57.2033,
-113.8787

■ 12.6068, 45.4618,
-146.4592

■ 79.0407, 58.9667,
-114.0712

■ 5.9193, 54.3459,
-214.9040

■ 91.2931, 60.6287,
-114.5579

0.0000, INF, -NF

0.0000, NaN, -NF

■ 104.1205, 62.1935,
-115.2379

0.0000, NaN, -NF

117.4979, 63.6658,

0.0000, NaN, -NF

-116.0443

0.0000, NaN, -NF

131.4038, 65.0505,
-116.9320

■ 36.4255, 51.3086,
-117.2677

■ 36.4255, 51.3086,
-117.2677

■ 31.4878, 60.4606,
-142.2004

■ 42.6024, 41.7341,
-93.2425

■ 28.1072, 67.3308,
-163.7275

■ 49.7153, 32.6318,
-71.8180

■ 26.5458, 70.2945,
-175.3561

■ 57.5376, 24.2446,
-53.1387

■ 65.9104, 16.5348,
-36.8061

■ 74.7242, 9.3847,
-22.3344

■ 83.9019, 2.6727,
-9.2990

■ 93.3881, -3.7041,
2.6357

■ 99.6858, -7.0598,
9.9224

Harmonies

Analogous

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



36.4259, 4.6741, -163.0724



36.4255, 51.3086, -117.2677



36.4259, 93.1573, -42.7041

Triad

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



36.4259, 51.3107, -117.2665



36.4259, 35.3453, 25.4981



36.4259, -50.4388, -4.6419

Complementary

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



36.4255, 51.3086, -117.2677



89.6214, -33.3271, 51.0230

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.



36.4259, -47.8624, 21.0532



36.4255, 51.3086, -117.2677



36.4259, -8.1238, 25.4981

Square

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



36.4259, 51.3107, -117.2665



36.4259, 81.5516, 23.6992



36.4259, -35.5532, 25.4981



36.4259, -45.1340, -66.4616

Rectangle

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



36.4255, 51.3086, -117.2677



36.4259, 106.0290, -4.8697



36.4259, -35.5532, 25.4981



36.4259, -50.4325, 7.7181

Sweetspot

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



36.4259, 51.3107, -117.2665



78.3865, 9.6774, -23.0886



76.2876, -30.4256, -20.6633



35.0858, 5.3935, -12.5054

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.4259, 51.3107, -117.2665



30.9838, 67.2710, -160.7696



45.6071, 69.2621, -82.9886



40.0714, 0.4091, -2.7368



19.5839, 51.6725, -127.9213



6.1170, 15.5783, -35.6034

Inverse Universe

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



53.3892, 80.8153, -37.8266



52.3943, 94.0756, -41.6257



83.9429, -55.6885, 46.8878



40.8888, 3.0517, -0.6993



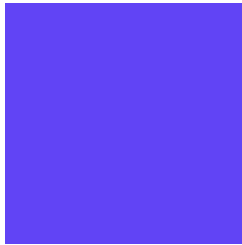
35.8414, 68.0425, -28.4903



10.6828, 20.3733, -9.2108

Previews

White Background



This preview shows how the HunterLab color 36.4255, 51.3086, -117.2677 looks on a white background.

Color Contrast Check

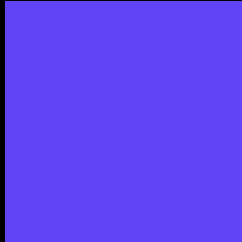
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4255, 51.3086, -117.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

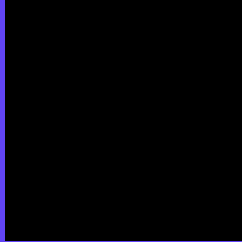
Any Text WCAG AA ✗ Fail

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 36.4255, 51.3086, -117.2677 Background



This preview shows how black text looks on a background with the HunterLab color 36.4255, 51.3086, -117.2677.



This preview shows how white text looks on a background with the HunterLab color 36.4255, 51.3086, -117.2677.

-117.2677.

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

36.4255, 51.3086, -117.2677

Protanopia

36.3202, 12.6567, -72.7194

Tritanopia

36.1939, -14.9975, -7.0683

Trichromacy



Original Color

36.4255, 51.3086, -117.2677

Protanomaly

35.1298, 25.0021, -92.1927

Tritanomaly

34.3520, 5.5053, -40.1755

Monochromacy



Original Color

36.4255, 51.3086, -117.2677

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

33.8102, 13.9182, -30.2651

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4255, 51.3086, -117.2677 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(97, 68, 245)` looks like.

```
.text, #text, p{  
    color:rgb(97, 68, 245)  
}
```

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(97, 68, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 68, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4255, 51.3086, -117.2677 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(97, 68, 245) }
```

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

```
.border{ border-color:rgb(97, 68, 245) }
```

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

Here you see how a box with a 4 pixel rgb(97, 68, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 68, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 68, 245);  
box-shadow:4px 4px 4px 4px rgb(97, 68,  
245) }
```


Background

The CSS property to change the background color of an element to HunterLab 36.4255, 51.3086, -117.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 68, 245) }
```

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

```
.background{ background-color: rgb(97, 68,  
245) }
```

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