

Converting Colors

HunterLab(39.5732, 14.5528,
-39.9790)

Have a look what the booklet for
HunterLab(39.5732, 14.5528,
-39.9790) contains.

HunterLab(39.6000, 14.4648, -39.9955)	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(39.6000, 14.4648,
-39.9955)**

Conversions

Conversions Part 1

Format	Color
Hex	6766B4
RGB	103, 102, 180
RGB Percent	40%, 40%, 71%
CMY	0.5961, 0.6000, 0.2941
CMYK	0.43, 0.43, 0.00, 0.29
HSL	241°, 34%, 55%
HSV	241°, 43%, 71%
XYZ	18.5831, 15.6816, 45.2274
YIQ	111.1910, -24.4420, 24.4700

Conversions

Conversions Part 2

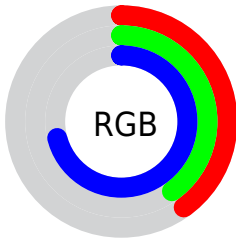
Format	Color
R_{YB}	103, 102, 180
Decimal	6776500
CIE _{Lab}	46.55, 20.57, -41.37
CIE _{LCh}	47, 46.205, 296.436
Yxy	15.6822, 0.2338, 0.1973
Android (android.graphics.Color)	4284966580 (0xFF6766B4)
YUV	111.1910, 33.9228, -7.1835
Hunter-Lab	39.6000, 14.4648, -39.9955

Details

The HunterLab color $39.6000, 14.4648, -39.9955$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $65.7158, -13.6600, 28.9130$, and the grayscale version is $39.8248, -2.1250, 2.1638$.

A 20% lighter version of the original color is $60.0056, 15.2767, -41.1679$, and $22.1758, 13.2198, -39.7871$ is the 20% darker color. If you saturate the color by 10%, you get $34.0272, 20.0646, -53.9200$, and if you desaturate by 10%, it is $45.5820, 9.5490, -27.9114$.

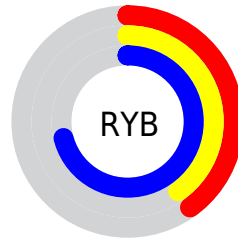
Distribution



Red (40%)

Green (40%)

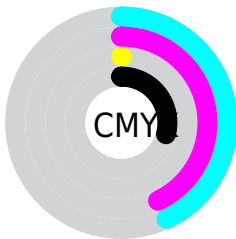
Blue (71%)



Red (40%)

Yellow (40%)

Blue (71%)

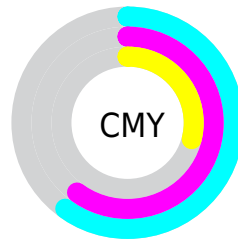


Cyan (43%)

Magenta (43%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (60%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.6000, 14.4648, -39.9955 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 39.6000, 14.4648, -39.9955 by changing the saturation by 10% instead.

■ 39.6000, 14.4648,
-39.9955

■ 39.6000, 14.4648,
-39.9955

■ 150.8174, 16.7172,
-45.3414

■ 30.4951, 13.7843,
-39.4940

■ 60.0379, 15.4991,
-41.3064

■ 22.2195, 12.9715,
-39.3121

■ 71.2707, 15.8787,
-41.9876

■ 14.8673, 12.0045,
-39.9035

■ 83.1278, 16.1793,
-42.6476

■ 8.5185, 11.1313,
-43.0147

■ 95.5781, 16.4084,
-43.2735

0.0000, INF, -NF

0.0000, NaN, -NF

■ 108.5945, 16.5721,
-43.8586

0.0000, NaN, -NF

■ 122.1534, 16.6753,

0.0000, NaN, NaN

-44.3992

0.0000, NaN, NaN

136.2339, 16.7225,
-44.8936

■ 39.6000, 14.4648,
-39.9955

■ 39.6000, 14.4648,
-39.9955

■ 34.0272, 20.0646,
-53.9200

■ 45.5820, 9.5490,
-27.9114

■ 28.9858, 26.4579,
-70.0007

■ 51.8867, 5.1726,
-17.2784

■ 24.6572, 33.5556,
-88.0491

■ 58.4566, 1.2083,
-7.7541

■ 21.2835, 40.7177,
-106.4612

■ 65.2502, -2.4435,
0.9280

■ 19.1126, 46.4358,
-121.3612

■ 72.2372, -5.8584,
8.9686

■ 18.1940, 49.2693,
-128.6407

■ 79.3946, -9.0926,
16.5173

■ 86.7046, -12.1882,
23.6862

■ 94.1533, -15.1770,
30.5597

■ 98.0180, -16.3046,
33.9935

Harmonies

Analogous

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



39.6007, -4.2393, -46.6574



39.6000, 14.4648, -39.9955



39.6007, 30.9709, -20.6518

Triad

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



39.6007, 14.4648, -39.9944



39.6007, 18.8469, 20.9234



39.6007, -31.0281, 4.1441

Complementary

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



39.6000, 14.4648, -39.9955



65.7158, -13.6600, 28.9130

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.



39.6007, -26.9819, 16.3580



39.6000, 14.4648, -39.9955



39.6007, 0.0549, 22.9254

Square

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



39.6007, 14.4648, -39.9944



39.6007, 33.8011, 14.1708



39.6007, -16.3488, 21.7334



39.6007, -28.5400, -15.4394

Rectangle

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



39.6000, 14.4648, -39.9955



39.6007, 37.3649, -6.3504



39.6007, -16.3488, 21.7334



39.6007, -30.4087, 9.1131

Sweetspot

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



39.6007, 14.4648, -39.9944



78.8140, 1.5708, -10.3069



62.2599, -22.8316, -3.1560



35.7303, 1.2528, -6.0416



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



39.6007, 14.4648, -39.9944



46.1380, 26.6622, -71.7163



42.9665, 24.4083, -32.6820



28.6970, -0.1368, -1.9602



15.2072, 41.1661, -107.4072



2.7291, 7.3252, -18.7909

Inverse Universe

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



47.3931, 36.4960, -23.5104



59.3315, 60.7458, -39.4386



62.6617, -25.0411, 26.2791



29.4021, 2.2458, -0.9620



30.0130, 58.8464, -38.3437



5.3293, 10.4576, -6.8738

Previews

White Background



This preview shows how the HunterLab color 39.6000, 14.4648, -39.9955 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 39.6000, 14.4648, -39.9955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

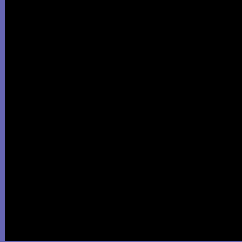
Any Text WCAG AA × Fail

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 39.6000, 14.4648, -39.9955 Background



This preview shows how black text looks on a background with the HunterLab color 39.6000, 14.4648, -39.9955.



This preview shows how white text looks on a background with the HunterLab color 39.6000, 14.4648, -39.9955.

-39.9955.

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

39.6000, 14.4648, -39.9955

Protanopia

39.8091, 7.7326, -43.6945

Deuteranopia

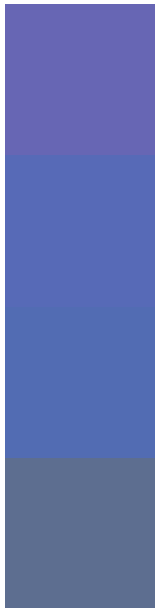
39.8564, 3.0108, -38.0445



Tritanopia

39.4520, -7.1463, -4.4723

Trichromacy



Original Color

39.6000, 14.4648, -39.9955

Protanomaly

39.6903, 9.8376, -42.2934

Deuteranomaly

39.7160, 6.8071, -39.0747

Tritanomaly

39.3607, -0.2933, -15.4965

Monochromacy



Original Color

39.6000, 14.4648, -39.9955

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.6117, 2.7383, -10.4074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.6000, 14.4648, -39.9955 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(103, 102, 180)` looks like.

```
.text, #text, p{  
    color:rgb(103, 102, 180)  
}
```

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(103, 102, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 102, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 39.6000, 14.4648, -39.9955 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(103, 102, 180) }
```


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

```
.border{ border-color:rgb(103, 102, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 102, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 102, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 102, 180);  
box-shadow:4px 4px 4px 4px rgb(103, 102,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.6000, 14.4648, -39.9955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 102, 180) }
```

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

```
.background{ background-color: rgb(103,  
102, 180) }
```

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