

Converting Colors

HunterLab(40.3433, 10.2926,
-58.9755)

Have a look what the booklet for
HunterLab(40.3433, 10.2926,
-58.9755) contains.

HunterLab(40.3596, 10.2721, -58.8723)	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(40.3596, 10.2721,
-58.8723)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6DCC
RGB	61, 109, 204
RGB Percent	24%, 43%, 80%
CMY	0.7607, 0.5725, 0.2000
CMYK	0.70, 0.47, 0.00, 0.20
HSL	220°, 58%, 52%
HSV	220°, 70%, 80%
XYZ	18.2921, 16.2890, 59.3066
YIQ	105.4780, -59.1030, 19.3690

Conversions

Conversions Part 2

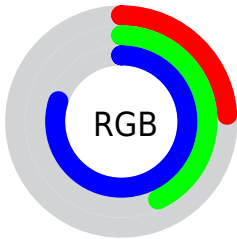
Format	Color
R_{YB}	61, 97, 204
Decimal	4025804
CIE _{Lab}	47.35, 15.61, -54.11
CIE _{LCh}	47, 56.315, 286.095
Yxy	16.2895, 0.1948, 0.1735
Android (android.graphics.Color)	4282215884 (0xFF3D6DCC)
YUV	105.4780, 48.5713, -39.0072
Hunter-Lab	40.3596, 10.2721, -58.8723

Details

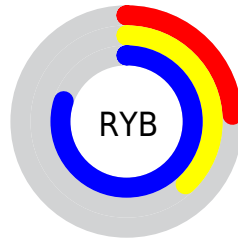
The HunterLab color **40.3596, 10.2721, -58.8723** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **60.7900, 4.1248, 33.2236**, and the grayscale version is **37.6051, -2.0065, 2.0432**.

A 20% lighter version of the original color is **60.5365, 8.8602, -55.2022**, and **23.6964, 12.3716, -56.3252** is the 20% darker color. If you saturate the color by 10%, you get **36.1778, 15.2903, -71.0624**, and if you desaturate by 10%, it is **44.9250, 6.2321, -47.6019**.

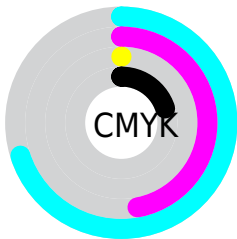
Distribution



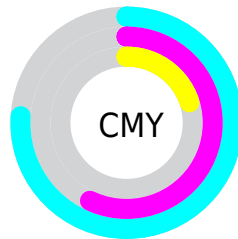
- Red (24%)
- Green (43%)
- Blue (80%)



- Red (24%)
- Yellow (38%)
- Blue (80%)



- Cyan (70%)
- Magenta (47%)
- Yellow (0%)
- Black (20%)



- Cyan (76%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3596, 10.2721, -58.8723 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 40.3596, 10.2721, -58.8723 by changing the saturation by 10% instead.

■ 40.3596, 10.2721,
-58.8723

■ 40.3596, 10.2721,
-58.8723

■ 152.0012, 10.5889,
-65.1379

■ 31.1917, 9.8600,
-58.8345

■ 60.9098, 10.8119,
-59.9187

■ 22.8469, 9.3293,
-59.5685

■ 72.1935, 10.9609,
-60.6443

■ 15.4168, 8.6569,
-61.9817

■ 84.0991, 11.0407,
-61.4152

■ 9.0217, 7.8574,
-68.8567

■ 96.5955, 11.0577,
-62.1980

0.0000, INF, -NF

0.0000, NaN, -NF

■ 109.6560, 11.0170,
-62.9723

0.0000, NaN, -NF

123.2572, 10.9230,

0.0000, NaN, NaN

-63.7253

0.0000, NaN, NaN

137.3784, 10.7792,
-64.4488

■ 40.3596, 10.2721,
-58.8723

■ 40.3596, 10.2721,
-58.8723

■ 36.1778, 15.2903,
-71.0624

■ 44.9250, 6.2321,
-47.6019

■ 32.4488, 21.3353,
-84.0136

■ 49.8115, 3.0494,
-37.2507

■ 29.2417, 28.1506,
-97.3186

■ 54.9700, 0.5928,
-27.7340

■ 60.3612, -1.2596,
-18.9409

■ 65.9541, -2.6120,
-10.7600

■ 71.7237, -3.5497,
-3.0900

■ 77.6503, -4.1421,
4.1558

■ 83.7176, -4.4448,
11.0504

■ 89.9124, -4.5024,
17.6541

Harmonies

Analogous

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



40.3602, -11.8403, -59.7654



40.3596, 10.2721, -58.8723



40.3602, 33.1270, -36.9325

Triad

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



40.3602, 10.2730, -58.8712



40.3602, 31.6244, 21.7824



40.3602, -35.5956, 10.7313

Complementary

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



40.3596, 10.2721, -58.8723



60.7900, 4.1248, 33.2236

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.



40.3602, -28.3679, 21.3426



40.3596, 10.2721, -58.8723



40.3602, 8.5381, 25.0042

Square

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



40.3602, 10.2730, -58.8712



40.3602, 47.1460, 11.8483



40.3602, -13.2415, 24.9038



40.3602, -35.3269, -10.6482

Rectangle

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



40.3596, 10.2721, -58.8723



40.3602, 44.3354, -17.7831



40.3602, -13.2415, 24.9038



40.3602, -34.0426, 15.3533

Sweetspot

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



40.3602, 10.2730, -58.8712



84.0142, -3.1857, -15.0526



68.1981, -42.5351, 14.7179



37.9298, -1.2670, -8.3038

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.3602, 10.2730, -58.8712



44.0781, 23.4044, -99.6876



30.8424, 39.1349, -90.1285



33.8365, -1.6895, -1.2062



23.5301, 21.4553, -75.7263



6.5213, 2.1574, -12.8084

Inverse Universe

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



41.5692, 53.2047, 5.9103



49.0075, 78.1013, 12.7749



73.1679, -25.9284, 41.0533



33.5779, 1.6553, 1.5086



28.9170, 50.4961, 11.1283



6.6744, 11.8593, 0.9865

Previews

White Background



This preview shows how the HunterLab color 40.3596, 10.2721, -58.8723 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 40.3596, 10.2721, -58.8723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

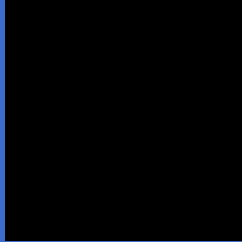
Any Text WCAG AA × Fail

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 40.3596, 10.2721, -58.8723 Background



This preview shows how black text looks on a background with the HunterLab color 40.3596, 10.2721, -58.8723.



This preview shows how white text looks on a background with the HunterLab color 40.3596, 10.2721, -58.8723.

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

40.3596, 10.2721, -58.8723

Protanopia

40.4807, 10.6555, -58.5399

Deuteranopia

40.3719, 3.0891, -57.1299



Tritanopia

40.1703, -19.1492, -8.8718

Trichromacy



Original Color

40.3596, 10.2721, -58.8723

Protanomaly

40.4397, 10.5256, -58.6525

Deuteranomaly

40.0883, 5.1159, -58.7708

Tritanomaly

39.8339, -10.6229, -24.4623

Monochromacy



Original Color

40.3596, 10.2721, -58.8723

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.8880, 0.0379, -16.0867

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3596, 10.2721, -58.8723 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(61, 109, 204)` looks like.

```
.text, #text, p{  
    color:rgb(61, 109, 204)  
}
```

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(61, 109, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 109, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3596, 10.2721, -58.8723 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(61, 109, 204) }
```


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

```
.border{ border-color:rgb(61, 109, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 109, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 109, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 109, 204);  
box-shadow:4px 4px 4px 4px rgb(61, 109,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3596, 10.2721, -58.8723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 109, 204) }
```

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

```
.background{ background-color: rgb(61, 109,  
204) }
```

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