

Converting Colors

HunterLab(39.3175, 15.9923,
-75.9373)

Have a look what the booklet for
HunterLab(39.3175, 15.9923,
-75.9373) contains.

HunterLab(39.3676, 15.6418, -75.3646)	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(39.3676, 15.6418,
-75.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	2C68DA
RGB	44, 104, 218
RGB Percent	17%, 41%, 85%
CMY	0.8274, 0.5922, 0.1451
CMYK	0.80, 0.52, 0.00, 0.15
HSL	219°, 70%, 51%
HSV	219°, 80%, 85%
XYZ	18.6439, 15.4981, 68.3385
YIQ	99.0560, -72.3540, 22.7340

Conversions

Conversions Part 2

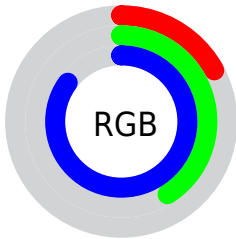
Format	Color
R_{YB}	44, 89, 218
Decimal	2910426
CIE _{Lab}	46.31, 21.94, -63.81
CIE _{LCh}	46, 67.475, 288.979
Yxy	15.4985, 0.1819, 0.1512
Android (android.graphics.Color)	4281100506 (0xFF2C68DA)
YUV	99.0560, 58.6394, -48.2841
Hunter-Lab	39.3676, 15.6418, -75.3646

Details

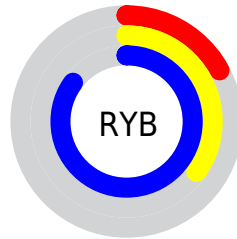
The HunterLab color **39.3676, 15.6418, -75.3646** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **62.8862, 8.0239, 36.6426**, and the grayscale version is **35.1525, -1.8756, 1.9099**.

A 20% lighter version of the original color is **58.4064, 10.6889, -59.8621**, and **23.7376, 18.8773, -70.4207** is the 20% darker color. If you saturate the color by 10%, you get **35.3547, 22.0554, -89.0643**, and if you desaturate by 10%, it is **43.8609, 10.3400, -62.4553**.

Distribution



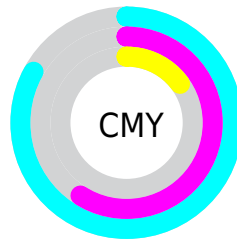
- Red (17%)
- Green (41%)
- Blue (85%)



- Red (17%)
- Yellow (35%)
- Blue (85%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)
- Black (15%)



- Cyan (83%)
- Magenta (59%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.3676, 15.6418, -75.3646 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 39.3676, 15.6418, -75.3646 by changing the saturation by 10% instead.

■ 39.3676, 15.6418,
-75.3646

■ 39.3676, 15.6418,
-75.3646

■ 150.4540, 18.4258,
-81.2079

■ 30.2820, 14.8905,
-76.1217

■ 59.7707, 16.8122,
-75.7032

■ 22.0278, 14.0027,
-78.2742

■ 70.9877, 17.2547,
-76.3057

■ 14.6997, 12.9593,
-83.4219

■ 82.8299, 17.6158,
-77.0399

■ 8.3577, 12.1287,
-97.4352

■ 95.2660, 17.9031,
-77.8461

0.0000, INF, -NF

0.0000, NaN, -NF

■ 108.2688, 18.1229,
-78.6866

0.0000, NaN, -NF

121.8147, 18.2804,

0.0000, NaN, -NF

-79.5369

0.0000, NaN, NaN

135.8826, 18.3801,
-80.3810

■ 39.3676, 15.6418,
-75.3646

■ 39.3676, 15.6418,
-75.3646

■ 35.3547, 22.0554,
-89.0643

■ 43.8609, 10.3400,
-62.4553

■ 31.8679, 29.4018,
-103.2551

■ 48.7598, 6.0873,
-50.5028

■ 31.8054, 29.5453,
-103.5337

■ 54.0012, 2.7578,
-39.5029

■ 59.5333, 0.2104,
-29.3713

■ 65.3145, -1.6848,
-19.9949

■ 71.3119, -3.0393,
-11.2592

■ 77.4991, -3.9445,
-3.0598

■ 83.8548, -4.4747,
4.6935

■ 90.3618, -4.6899,
12.0766

Harmonies

Analogous

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



39.3681, -11.2717, -79.7956



39.3676, 15.6418, -75.3646



39.3681, 43.5319, -44.0253

Triad

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



39.3681, 15.6432, -75.3635



39.3681, 36.6858, 23.8563



39.3681, -40.3317, 10.2426

Complementary

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



39.3676, 15.6418, -75.3646



62.8862, 8.0239, 36.6426

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.



39.3681, -33.3390, 22.3972



39.3676, 15.6418, -75.3646



39.3681, 7.9908, 26.1243

Square

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



39.3681, 15.6432, -75.3635



39.3681, 57.7071, 14.7523



39.3681, -17.1732, 25.8561



39.3681, -39.2931, -16.8289

Rectangle

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



39.3676, 15.6418, -75.3646



39.3681, 56.7695, -19.1962



39.3681, -17.1732, 25.8561



39.3681, -38.9349, 15.7414

Sweetspot

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



39.3681, 15.6432, -75.3635



81.9834, -2.9896, -17.9544



72.8813, -48.6643, 18.0689



36.7428, -1.1029, -10.0549

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



39.3681, 15.6432, -75.3635



39.2405, 32.4680, -118.1981



28.5847, 50.4538, -119.0838



36.5344, -1.8662, -1.2987



24.9833, 21.9120, -78.5285



7.4959, 2.9293, -15.6928

Inverse Universe

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



42.0803, 63.4300, 8.5872



47.2233, 81.4004, 17.0505



78.4340, -29.7504, 46.0074



36.2288, 1.8354, 1.5856



30.4202, 53.1603, 11.4019



7.8448, 13.9047, 1.4241

Previews

White Background



This preview shows how the HunterLab color 39.3676, 15.6418, -75.3646 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 39.3676, 15.6418, -75.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

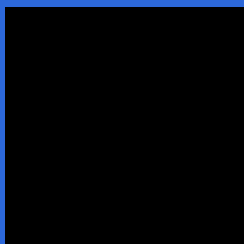
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

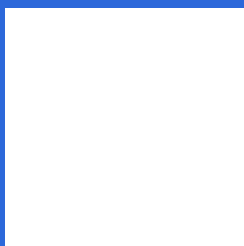
Any Text WCAG AAA × Fail

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

HunterLab 39.3676, 15.6418, -75.3646 Background



This preview shows how black text looks on a background with the HunterLab color 39.3676, 15.6418, -75.3646.



This preview shows how white text looks on a background with the HunterLab color 39.3676, 15.6418, -75.3646.

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

39.3676, 15.6418, -75.3646

Protanopia

39.3431, 14.3783, -76.5009

Tritanopia

39.0637, -19.0121, -7.7845

Trichromacy



Original Color

39.3676, 15.6418, -75.3646

Protanomaly

39.4433, 14.6843, -76.1775

Tritanomaly

38.6586, -8.6546, -28.0434

Monochromacy



Original Color

39.3676, 15.6418, -75.3646

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.9480, 0.4537, -20.0492

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.3676, 15.6418, -75.3646 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(44, 104, 218)` looks like.

```
.text, #text, p{  
    color:rgb(44, 104, 218)  
}
```

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(44, 104, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 104, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 39.3676, 15.6418, -75.3646 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(44, 104, 218) }
```

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

```
.border{ border-color:rgb(44, 104, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 104, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 104, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 104, 218);  
box-shadow:4px 4px 4px 4px rgb(44, 104,  
218) }
```


Background

The CSS property to change the background color of an element to HunterLab 39.3676, 15.6418, -75.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 104, 218) }
```

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

```
.background{ background-color: rgb(44, 104,  
218) }
```

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