

Converting Colors

HunterLab(28.3578, 11.9077,
-51.8523)

Have a look what the booklet for
HunterLab(28.3578, 11.9077,
-51.8523) contains.

HunterLab(28.3578, 11.9077, -51.8523)	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(28.3578, 11.9077,
-51.8523)**

Conversions

Conversions Part 1	
Format	Color
Hex	294BA0
RGB	41, 75, 160
RGB Percent	16%, 29%, 63%
CMY	0.8392, 0.7059, 0.3725
CMYK	0.74, 0.53, 0.00, 0.37
HSL	223°, 59%, 39%
HSV	223°, 74%, 63%
XYZ	9.7757, 8.0416, 34.2947
YIQ	74.5240, -47.5490, 19.2270

Conversions

Conversions Part 2

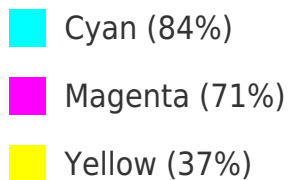
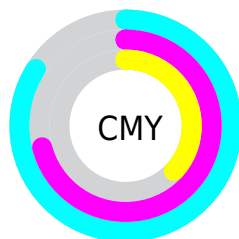
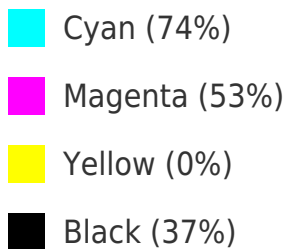
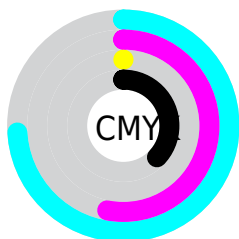
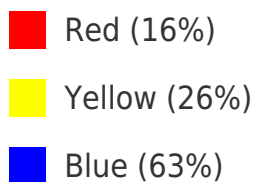
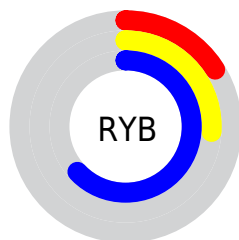
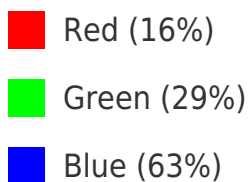
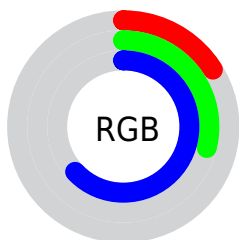
Format	Color
RYB	41, 67, 160
Decimal	2706336
CIELab	34.07, 18.45, -49.75
CIELCh	34, 53.061, 290.346
Yxy	8.0419, 0.1876, 0.1543
Android (android.graphics.Color)	4280896416 (0xFF294BA0)
YUV	74.5240, 42.1397, -29.4005
Hunter-Lab	28.3578, 11.9077, -51.8523

Details

The HunterLab color **28.3578, 11.9077, -51.8523** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **47.4950, 0.9179, 26.6625**, and the grayscale version is **26.2229, -1.3992, 1.4247**.

A 20% lighter version of the original color is **46.8570, 13.0167, -52.2477**, and **14.5456, 14.1007, -48.6201** is the 20% darker color. If you saturate the color by 10%, you get **25.2259, 16.3948, -62.3372**, and if you desaturate by 10%, it is **31.8317, 8.1945, -42.1884**.













Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3578, 11.9077, -51.8523 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 28.3578, 11.9077, -51.8523 by changing the saturation by 10% instead.

 28.3578, 11.9077, -51.8523	 28.3578, 11.9077, -51.8523
 132.6876, 14.1869, -57.3702	 20.3021, 11.1744, -52.4933
 46.9473, 12.9984, -52.4224	 13.1981, 10.2824, -54.8756
 57.3479, 13.3889, -53.0602	 6.7124, 11.6322, -67.4586
 68.4200, 13.6931, -53.7787	0.0000, NaN, -NF
 80.1251, 13.9202, -54.5265	0.0000, NaN, -NF
 92.4307, 14.0777, -55.2741	0.0000, NaN, -NF
 105.3087, 14.1714,	0.0000, NaN, NaN

-56.0036

0.0000, NaN, NaN

118.7349, 14.2064,
-56.7044

■ 28.3578, 11.9077,
-51.8523

■ 28.3578, 11.9077,
-51.8523

■ 25.2259, 16.3948,
-62.3372

■ 31.8317, 8.1945,
-42.1884

■ 22.5052, 21.6272,
-73.3718

■ 35.5864, 5.1786,
-33.3918

■ 21.1405, 24.7326,
-79.8144

■ 39.5744, 2.7565,
-25.3930

■ 43.7586, 0.8255,
-18.0840

■ 48.1105, -0.7030,
-11.3530

■ 52.6077, -1.9022,
-5.0990

■ 57.2329, -2.8306,
0.7637

■ 61.9719, -3.5349,
6.3062

■ 66.8136, -4.0522,
11.5864

Harmonies

Analogous

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



28.3582, -7.2234, -55.9736



28.3578, 11.9077, -51.8523



28.3582, 31.3049, -29.5524

Triad

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



28.3582, 11.9086, -51.8515



28.3582, 24.8694, 17.1747



28.3582, -28.7042, 6.6409

Complementary

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



28.3578, 11.9077, -51.8523



47.4950, 0.9179, 26.6625

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.



28.3582, -23.9908, 15.7408



28.3578, 11.9077, -51.8523



28.3582, 4.6848, 18.9106

Square

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



28.3582, 11.9086, -51.8515



28.3582, 40.0167, 10.9512



28.3582, -12.8284, 18.5365



28.3582, -27.7063, -12.8806

Rectangle

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



28.3578, 11.9077, -51.8523



28.3582, 40.2392, -12.3188



28.3582, -12.8284, 18.5365



28.3582, -27.7931, 10.7119

Sweetspot

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



28.3582, 11.9086, -51.8515



65.9923, -1.2937, -13.6121



52.0349, -32.2540, 9.6569



30.2020, -0.3951, -7.3954



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



28.3582, 11.9086, -51.8515



31.5942, 26.4627, -93.3906



22.8950, 32.4851, -71.4501



25.9395, -1.1370, -0.9656



18.8380, 21.3148, -69.5584



3.6088, 0.4027, -5.3799

Inverse Universe

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



30.9324, 41.4336, 7.0265



38.3495, 62.9342, 14.1155



55.2749, -21.9482, 31.4248



25.8375, 1.1208, 1.3148



24.4550, 42.5286, 10.7733



3.3716, 6.0580, -0.0235

Previews

White Background



This preview shows how the HunterLab color 28.3578, 11.9077, -51.8523 looks on a white background.

Color Contrast Check

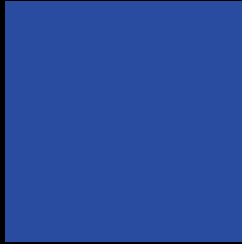
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 28.3578, 11.9077, -51.8523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

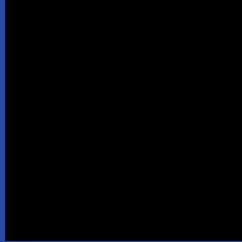
Any Text WCAG AA × Fail

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 28.3578, 11.9077, -51.8523 Background



This preview shows how black text looks on a background with the HunterLab color 28.3578, 11.9077, -51.8523.



This preview shows how white text looks on a background with the HunterLab color 28.3578, 11.9077, -51.8523.

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

28.3578, 11.9077, -51.8523

Protanopia

28.3312, 9.5766, -53.9100

Deuteranopia

28.2623, 0.4346, -36.2637



Tritanopia

28.2329, -13.7623, -5.5799

Trichromacy



Original Color
28.3578, 11.9077, -51.8523

Protanomaly
28.1936, 10.2912, -53.3553

Deuteranomaly
28.0418, 4.5102, -42.7605

Tritanomaly
27.8821, -5.9191, -20.0353

Monochromacy



Original Color
28.3578, 11.9077, -51.8523

Achromatopsia
26.5255, -1.4153, 1.4412

Achromatomaly
26.7012, 1.1884, -13.8041

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3578, 11.9077, -51.8523 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(41, 75, 160)` looks like.

```
.text, #text, p{  
    color:rgb(41, 75, 160)  
}
```

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(41, 75, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 75, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3578, 11.9077, -51.8523 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(41, 75, 160) }
```


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

```
.border{ border-color:rgb(41, 75, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 75, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 75, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 75, 160);  
box-shadow:4px 4px 4px 4px rgb(41, 75,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.3578, 11.9077, -51.8523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 75, 160) }
```

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

```
.background{ background-color: rgb(41, 75,  
160) }
```

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