

Converting Colors

HunterLab(40.2580, -4.1004,
-15.9185)

Have a look what the booklet for
HunterLab(40.2580, -4.1004,
-15.9185) contains.

HunterLab(40.2580, -4.1004, -15.9185)	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(40.2580, -4.1004,
-15.9185)**

Conversions

Conversions Part 1

Format	Color
Hex	537393
RGB	83, 115, 147
RGB Percent	33%, 45%, 58%
CMY	0.6745, 0.5490, 0.4235
CMYK	0.44, 0.22, 0.00, 0.42
HSL	210°, 28%, 45%
HSV	210°, 44%, 58%
XYZ	14.9645, 16.2071, 29.9434
YIQ	109.0800, -29.3440, 3.1680

Conversions

Conversions Part 2

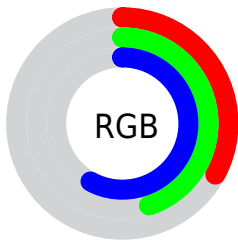
Format	Color
R_{YB}	83, 104, 147
Decimal	5469075
CIE _{Lab}	47.25, -2.62, -21.02
CIE _{LCh}	47, 21.179, 262.894
Yxy	16.2077, 0.2449, 0.2652
Android (android.graphics.Color)	4283659155 (0xFF537393)
YUV	109.0800, 18.6946, -22.8722
Hunter-Lab	40.2580, -4.1004, -15.9185

Details

The HunterLab color $40.2580, -4.1004, -15.9185$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $43.6916, 4.1259, 15.8887$, and the grayscale version is $39.0761, -2.0850, 2.1231$.

A 20% lighter version of the original color is $60.8320, -5.6538, -16.4721$, and $22.6939, -2.8757, -14.9783$ is the 20% darker color. If you saturate the color by 10%, you get $37.4144, -3.4652, -20.7499$, and if you desaturate by 10%, it is $43.2348, -4.3415, -11.2898$.

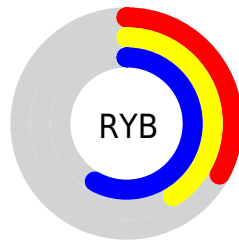
Distribution



Red (33%)

Green (45%)

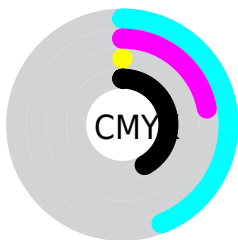
Blue (58%)



Red (33%)

Yellow (41%)

Blue (58%)

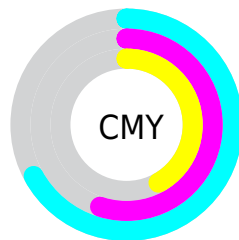


Cyan (44%)

Magenta (22%)

Yellow (0%)

Black (42%)



Cyan (67%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2580, -4.1004, -15.9185 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 40.2580, -4.1004, -15.9185 by changing the saturation by 10% instead.

■ 40.2580, -4.1004,
-15.9185

■ 40.2580, -4.1004,
-15.9185

■ 151.8434,
-11.1633, -17.0356

■ 31.0986, -3.4473,
-15.4923

■ 60.7934, -5.4898,
-16.5783

■ 22.7630, -2.8214,
-15.0182

■ 72.0704, -6.2249,
-16.8121

■ 15.3433, -2.2213,
-14.5424

■ 83.9695, -6.9861,
-16.9847

■ 8.9563, -1.7530,
-14.2771

■ 96.4597, -7.7729,
-17.0992

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 109.5144, -8.5847,
-17.1587

0.0000, NaN, NaN

123.1100, -9.4207,

0.0000, NaN, NaN

-17.1662

0.0000, NaN, NaN

137.2258,
-10.2804, -17.1243

■ 40.2580, -4.1004,
-15.9185

■ 40.2580, -4.1004,
-15.9185

■ 37.4144, -3.4652,
-20.7499

■ 43.2348, -4.3415,
-11.2898

■ 34.7165, -2.3816,
-25.7928

■ 46.3292, -4.2382,
-6.8528

■ 32.1813, -0.7964,
-31.0411

■ 49.5305, -3.8355,
-2.5899

■ 29.8253, 1.3351,
-36.4728

■ 52.8285, -3.1725,
1.5168

■ 27.6633, 4.0346,
-42.0464

■ 56.2147, -2.2825,
5.4851

■ 26.3396, 5.9661,
-45.8014

■ 59.6815, -1.1940,
9.3315

■ 63.2224, 0.0688,
13.0714

■ 66.8318, 1.4855,
16.7184

■ 70.5048, 3.0388,
20.2847

Harmonies

Analogous

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



40.2588, -11.3109, -11.8529



40.2580, -4.1004, -15.9185



40.2588, 4.2317, -14.4038

Triad

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



40.2588, -4.1006, -15.9177



40.2588, 13.5892, 7.6487



40.2588, -14.0756, 10.2985

Complementary

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



40.2580, -4.1004, -15.9185



43.6916, 4.1259, 15.8887

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.



40.2588, -8.1579, 13.7946



40.2580, -4.1004, -15.9185



40.2588, 7.9106, 12.4944

Square

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



40.2588, -4.1006, -15.9177



40.2588, 14.8955, 0.2728



40.2588, -0.1621, 14.5082



40.2588, -16.7604, 4.0200

Rectangle

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



40.2580, -4.1004, -15.9185



40.2588, 9.2679, -10.5562



40.2588, -0.1621, 14.5082



40.2588, -12.4226, 11.7818

Sweetspot

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



40.2588, -4.1006, -15.9177



66.3997, -5.1133, -3.3158



48.9083, -23.4173, 10.4517



31.3010, -2.5109, -2.1321



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



40.2588, -4.1006, -15.9177



50.2421, -4.6897, -27.4603



32.0893, 10.6496, -31.0432



24.6644, -1.7324, -0.3846



24.6255, 5.3598, -42.3500



3.6478, -0.9404, -2.5294

Inverse Universe

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



36.9160, 23.5003, -2.8921



45.4613, 39.0424, -4.4360



52.3117, -10.1195, 22.7811



24.2092, 1.2427, 0.6460



24.0947, 43.0384, 1.8060



2.7748, 5.1548, -1.3292

Previews

White Background



This preview shows how the HunterLab color 40.2580, -4.1004, -15.9185 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 40.2580, -4.1004, -15.9185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

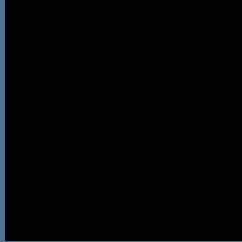
Any Text WCAG AA × Fail

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 40.2580, -4.1004, -15.9185 Background



This preview shows how black text looks on a background with the HunterLab color 40.2580, -4.1004, -15.9185.



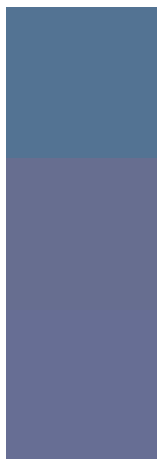
This preview shows how white text looks on a background with the HunterLab color 40.2580, -4.1004, -15.9185.

-15.9185.

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

40.2580, -4.1004, -15.9185

Protanopia

40.0613, 2.0903, -14.3280

Deuteranopia

40.2163, 2.9220, -16.4725



Tritanopia

40.1685, -10.2301, -5.5711

Trichromacy



Original Color

40.2580, -4.1004, -15.9185

Protanomaly

40.1491, -0.3313, -14.8253

Deuteranomaly

40.2657, 0.3014, -16.4373

Tritanomaly

40.2210, -8.0655, -9.1461

Monochromacy



Original Color

40.2580, -4.1004, -15.9185

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.3805, -3.1233, -4.0012

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2580, -4.1004, -15.9185 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(83, 115, 147)` looks like.

```
.text, #text, p{  
    color:rgb(83, 115, 147)  
}
```

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(83, 115, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 115, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2580, -4.1004, -15.9185 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(83, 115, 147) }
```


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

```
.border{ border-color:rgb(83, 115, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 115, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 115, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 115, 147);  
box-shadow:4px 4px 4px 4px rgb(83, 115,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2580, -4.1004, -15.9185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 115, 147) }
```

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

```
.background{ background-color: rgb(83, 115,  
147) }
```

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