

Converting Colors

HunterLab(40.2984, -7.5616,
-20.9265)

Have a look what the booklet for
HunterLab(40.2984, -7.5616,
-20.9265) contains.

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Color

**HunterLab(40.3535, -7.5485,
-20.8289)**

Conversions

Conversions Part 1

Format	Color
Hex	3C769B
RGB	60, 118, 155
RGB Percent	24%, 46%, 61%
CMY	0.7647, 0.5372, 0.3922
CMYK	0.61, 0.24, 0.00, 0.39
HSL	203°, 44%, 42%
HSV	203°, 61%, 61%
XYZ	14.2583, 16.2840, 33.4020
YIQ	104.8760, -46.4450, -0.7890

Conversions

Conversions Part 2

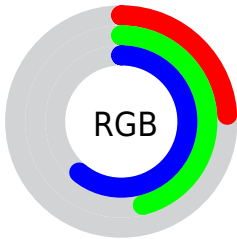
Format	Color
R _Y B	60, 96, 155
Decimal	3962523
CIE Lab	47.35, -7.37, -25.67
CIE LCh	47, 26.706, 253.989
Yxy	16.2846, 0.2230, 0.2547
Android (android.graphics.Color)	4282152603 (0xFF3C769B)
YUV	104.8760, 24.7111, -39.3563
Hunter-Lab	40.3535, -7.5485, -20.8289

Details

The HunterLab color $40.3535, -7.5485, -20.8289$ is a dark color, and the websafe version is hex 006699 . A complement of this color would be $39.8057, 13.7855, 18.4010$, and the grayscale version is $37.4609, -1.9988, 2.0353$.

A 20% lighter version of the original color is $60.9226, -9.3108, -21.9616$, and $23.1944, -4.5056, -19.2647$ is the 20% darker color. If you saturate the color by 10%, you get $38.0708, -6.7630, -24.9542$, and if you desaturate by 10%, it is $42.7877, -7.8373, -16.7425$.

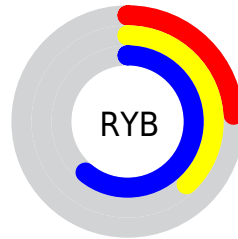
Distribution



Red (24%)

Green (46%)

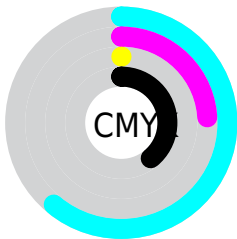
Blue (61%)



Red (24%)

Yellow (38%)

Blue (61%)

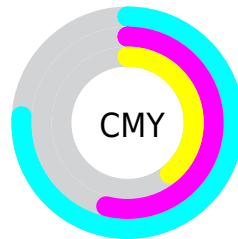


Cyan (61%)

Magenta (24%)

Yellow (0%)

Black (39%)



Cyan (76%)

Magenta (54%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3535, -7.5485, -20.8289 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 40.3535, -7.5485, -20.8289 by changing the saturation by 10% instead.

40.3535, -7.5485,
-20.8289

40.3535, -7.5485,
-20.8289

151.9919,
-16.6438, -23.1715

31.1862, -6.5896,
-20.3017

60.9029, -9.4795,
-21.7432

22.8419, -5.6254,
-19.7685

72.1863, -10.4597,
-22.1149

15.4125, -4.6410,
-19.3248

84.0914, -11.4527,
-22.4276

9.0179, -4.0411,
-19.3219

96.5875, -12.4599,
-22.6828

0.0000, NaN, -NF

0.0000, NaN, -NF

109.6476,
-13.4820, -22.8825

0.0000, NaN, NaN

123.2485,

0.0000, NaN, NaN

-14.5198, -23.0290

0.0000, NaN, NaN

137.3694,
-15.5737, -23.1245

■ 40.3535, -7.5485,
-20.8289

■ 40.3535, -7.5485,
-20.8289

■ 38.0708, -6.7630,
-24.9542

■ 42.7877, -7.8373,
-16.7425

■ 35.9458, -5.4516,
-29.0955

■ 45.3611, -7.6691,
-12.7159

■ 33.9845, -3.6048,
-33.2238

■ 48.0643, -7.0871,
-8.7604

■ 32.3801, -1.6737,
-36.8593

■ 50.8871, -6.1345,
-4.8823

■ 53.8201, -4.8521,
-1.0836

■ 56.8545, -3.2771,
2.6371

■ 59.9824, -1.4428,
6.2830

■ 63.1967, 0.6215,
9.8587

■ 66.4908, 2.8903,
13.3697

Harmonies

Analogous

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



40.3542, -15.6159, -13.4575



40.3535, -7.5485, -20.8289



40.3542, 2.8165, -21.0949

Triad

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



40.3542, -7.5484, -20.8281



40.3542, 19.2468, 6.5485



40.3542, -15.1814, 13.6690

Complementary

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



40.3535, -7.5485, -20.8289



39.8057, 13.7855, 18.4010

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.



40.3542, -6.8976, 16.6884



40.3535, -7.5485, -20.8289



40.3542, 13.3394, 13.3427

Square

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



40.3542, -7.5484, -20.8281



40.3542, 19.0269, -3.4381



40.3542, 3.5367, 16.5865



40.3542, -19.7068, 7.1203

Rectangle

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



40.3535, -7.5485, -20.8289



40.3542, 9.7004, -17.0785



40.3542, 3.5367, 16.5865



40.3542, -12.7830, 15.0465

Sweetspot

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



40.3542, -7.5484, -20.8281



69.2369, -7.7490, -5.0299



50.2553, -32.1261, 17.2291



32.4348, -3.8916, -3.0603



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



40.3542, -7.5484, -20.8281



49.7397, -8.4081, -35.6974



28.0089, 14.9628, -48.1233



25.7338, -2.1501, -0.1448



29.1492, -1.7153, -32.7311



4.4429, -1.5264, -2.2582

Inverse Universe

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



33.9247, 37.4667, -8.3954



41.1883, 59.8441, -11.2026



52.1695, -8.1728, 27.1444



25.0656, 1.4211, 0.3454



25.0261, 45.5186, -4.4533



3.1739, 5.9729, -2.1153

Previews

White Background



This preview shows how the HunterLab color 40.3535, -7.5485, -20.8289 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 40.3535, -7.5485, -20.8289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

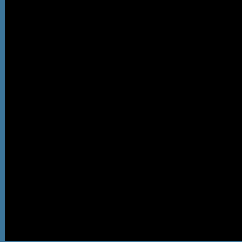
Any Text WCAG AA × Fail

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 40.3535, -7.5485, -20.8289 Background



This preview shows how black text looks on a background with the HunterLab color 40.3535, -7.5485, -20.8289.

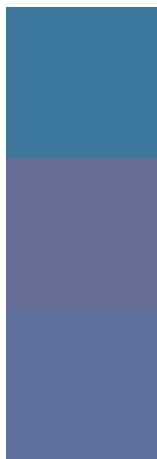


This preview shows how white text looks on a background with the HunterLab color 40.3535, -7.5485,

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

40.3535, -7.5485, -20.8289

Protanopia

40.1105, 2.6459, -17.2677

Deuteranopia

40.3609, 2.7576, -21.9400



Tritanopia

40.2964, -15.6304, -7.5624

Trichromacy



Original Color

40.3535, -7.5485, -20.8289

Protanomaly

40.0288, -1.6949, -18.7304

Deuteranomaly

40.3410, -1.6349, -21.3971

Tritanomaly

40.4043, -13.1024, -11.7405

Monochromacy



Original Color

40.3535, -7.5485, -20.8289

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.3481, -5.3367, -5.4357

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3535, -7.5485, -20.8289 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(60, 118, 155)` looks like.

```
.text, #text, p{  
    color:rgb(60, 118, 155)  
}
```

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(60, 118, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 118, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3535, -7.5485, -20.8289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

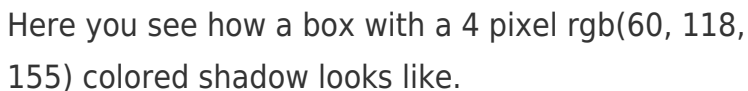
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(60, 118, 155) }
```


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

```
.border{ border-color:rgb(60, 118, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(60, 118, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 118, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 118, 155);  
box-shadow:4px 4px 4px 4px rgb(60, 118,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3535, -7.5485, -20.8289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 118, 155) }
```

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

```
.background{ background-color: rgb(60, 118,  
155) }
```

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](#).

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