

Converting Colors

HunterLab(40.7044, -5.1121,
-19.6884)

Have a look what the booklet for
HunterLab(40.7044, -5.1121,
-19.6884) contains.

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Color

**HunterLab(40.6344, -5.1383,
-19.6589)**

Conversions

Conversions Part 1

Format	Color
Hex	4A759A
RGB	74, 117, 154
RGB Percent	29%, 46%, 60%
CMY	0.7098, 0.5412, 0.3961
CMYK	0.52, 0.24, 0.00, 0.40
HSL	208°, 35%, 45%
HSV	208°, 52%, 60%
XYZ	15.0181, 16.5115, 32.9674
YIQ	108.3610, -37.5050, 2.3910

Conversions

Conversions Part 2

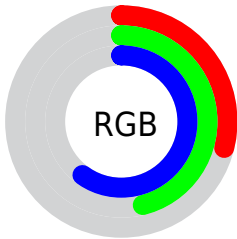
Format	Color
R_{YB}	74, 102, 154
Decimal	4879770
CIE _{Lab}	47.64, -3.99, -24.58
CIE _{LCh}	48, 24.899, 260.769
Yxy	16.5122, 0.2329, 0.2560
Android (android.graphics.Color)	4283069850 (0xFF4A759A)
YUV	108.3610, 22.5000, -30.1346
Hunter-Lab	40.6344, -5.1383, -19.6589

Details

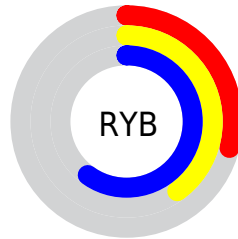
The HunterLab color $40.6344, -5.1383, -19.6589$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $43.2828, 7.7564, 17.9310$, and the grayscale version is $38.7903, -2.0698, 2.1076$.

A 20% lighter version of the original color is $61.2932, -6.5038, -20.6954$, and $23.0844, -3.6110, -18.7964$ is the 20% darker color. If you saturate the color by 10%, you get $37.9166, -4.3257, -24.5172$, and if you desaturate by 10%, it is $43.5012, -5.4892, -14.9592$.

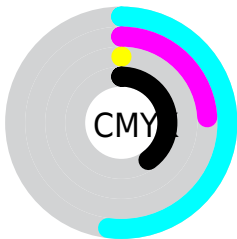
Distribution



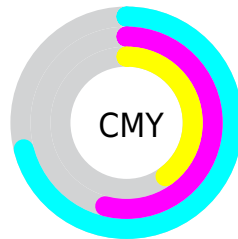
- Red (29%)
- Green (46%)
- Blue (60%)



- Red (29%)
- Yellow (40%)
- Blue (60%)



- Cyan (52%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6344, -5.1383, -19.6589 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 40.6344, -5.1383, -19.6589 by changing the saturation by 10% instead.

40.6344, -5.1383,
-19.6589

40.6344, -5.1383,
-19.6589

152.4287,
-12.7926, -21.7109

31.4441, -4.3969,
-19.1528

61.2250, -6.6846,
-20.5148

23.0744, -3.6737,
-18.6276

72.5272, -7.4909,
-20.8540

15.6165, -2.9639,
-18.1630

84.4501, -8.3196,
-21.1334

9.1963, -2.3838,
-18.0333

96.9630, -9.1706,
-21.3550

0.0000, NaN, -NF

0.0000, NaN, -NF

110.0394,
-10.0437, -21.5211

0.0000, NaN, NaN

123.6558,

0.0000, NaN, NaN

-10.9386, -21.6341

0.0000, NaN, NaN

137.7918,
-11.8550, -21.6967

■ 40.6344, -5.1383,
-19.6589

■ 40.6344, -5.1383,
-19.6589

■ 37.9166, -4.3257,
-24.5172

■ 43.5012, -5.4892,
-14.9592

■ 35.3600, -3.0007,
-29.5258

■ 46.5012, -5.4300,
-10.4215

■ 32.9794, -1.1215,
-34.6603

■ 49.6226, -5.0098,
-6.0387

■ 30.7863, 1.3328,
-39.8839

■ 52.8544, -4.2733,
-1.8009

■ 29.1295, 3.6154,
-44.2138

■ 56.1867, -3.2596,
2.3041

■ 59.6109, -2.0029,
6.2892

■ 63.1194, -0.5324,
10.1671

■ 66.7056, 1.1267,
13.9500

■ 70.3638, 2.9532,
17.6488

Harmonies

Analogous

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



40.6351, -13.3749, -14.1951



40.6344, -5.1383, -19.6589



40.6351, 4.7030, -18.2795

Triad

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



40.6351, -5.1383, -19.6581



40.6351, 16.9148, 8.0485



40.6351, -15.7135, 11.9630

Complementary

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



40.6344, -5.1383, -19.6589



43.2828, 7.7564, 17.9310

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.



40.6351, -8.6152, 15.6174



40.6344, -5.1383, -19.6589



40.6351, 10.3974, 13.7559

Square

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



40.6351, -5.1383, -19.6581



40.6351, 18.0693, -0.7585



40.6351, 0.8853, 16.1855



40.6351, -19.0897, 4.9737

Rectangle

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



40.6344, -5.1383, -19.6589



40.6351, 10.8295, -13.7707



40.6351, 0.8853, 16.1855



40.6351, -13.7170, 13.5457

Sweetspot

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



40.6351, -5.1383, -19.6581



69.3140, -6.2428, -4.9031



50.6886, -28.1539, 13.4852



32.5825, -3.0590, -2.8505



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.



40.6351, -5.1383, -19.6581



50.6442, -5.6388, -33.9093



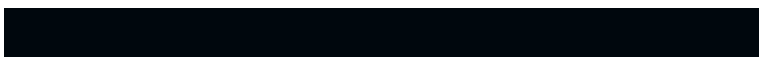
30.3948, 13.6512, -40.6680



25.5902, -1.9152, -0.3187



26.4296, 3.0123, -39.5374



4.2093, -1.1994, -2.6722

Inverse Universe

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



36.1283, 30.5829, -4.8225



44.4174, 50.2289, -6.8024



54.0162, -10.3638, 25.9913



25.0508, 1.3414, 0.5566



24.7194, 44.4090, -0.1224



3.1416, 5.8581, -1.6756

Previews

White Background



This preview shows how the HunterLab color 40.6344, -5.1383, -19.6589 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 40.6344, -5.1383, -19.6589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

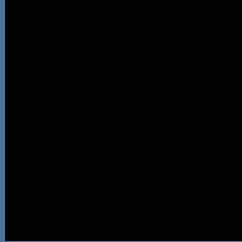
Any Text WCAG AA × Fail

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 40.6344, -5.1383, -19.6589 Background



This preview shows how black text looks on a background with the HunterLab color 40.6344, -5.1383, -19.6589.

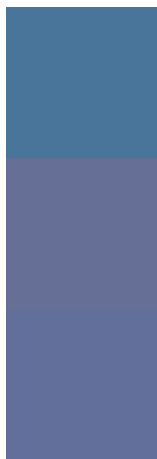


This preview shows how white text looks on a background with the HunterLab color 40.6344, -5.1383, -19.6589.

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

40.6344, -5.1383, -19.6589

Protanopia

40.4916, 2.6219, -17.2533

Deuteranopia

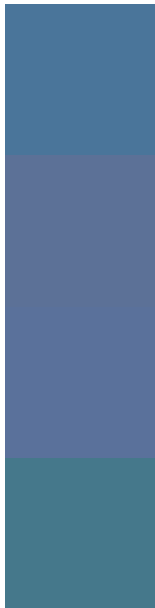
40.4822, 2.9969, -20.4202



Tritanopia

40.5853, -13.0530, -6.5889

Trichromacy



Original Color

40.6344, -5.1383, -19.6589

Protanomaly

40.3979, -0.4209, -18.0844

Deuteranomaly

40.4357, 0.0357, -20.5529

Tritanomaly

40.6967, -10.5554, -10.6934

Monochromacy



Original Color

40.6344, -5.1383, -19.6589

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.1616, -3.7633, -5.3090

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6344, -5.1383, -19.6589 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(74, 117, 154)` looks like.

```
.text, #text, p{  
    color:rgb(74, 117, 154)  
}
```

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(74, 117, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 117, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6344, -5.1383, -19.6589 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(74, 117, 154) }
```


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

```
.border{ border-color:rgb(74, 117, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 117, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 117, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 117, 154);  
box-shadow:4px 4px 4px 4px rgb(74, 117,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6344, -5.1383, -19.6589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 117, 154) }
```

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

```
.background{ background-color: rgb(74, 117,  
154) }
```

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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