

Converting Colors

HunterLab(40.4881, -10.0899,
-20.6396)

Have a look what the booklet for
HunterLab(40.4881, -10.0899,
-20.6396) contains.

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Color

**HunterLab(40.5017,
-10.0354, -20.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	2F789B
RGB	47, 120, 155
RGB Percent	18%, 47%, 61%
CMY	0.8157, 0.5294, 0.3922
CMYK	0.70, 0.23, 0.00, 0.39
HSL	199°, 53%, 40%
HSV	199°, 70%, 61%
XYZ	13.8052, 16.4039, 33.4490
YIQ	102.1630, -54.7430, -4.5910

Conversions

Conversions Part 2

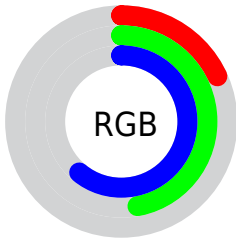
Format	Color
R _Y B	47, 91, 155
Decimal	3111067
CIE Lab	47.50, -10.88, -25.47
CIE LCh	48, 27.692, 246.869
Yxy	16.4045, 0.2169, 0.2577
Android (android.graphics.Color)	4281301147 (0xFF2F789B)
YUV	102.1630, 26.0486, -48.3780
Hunter-Lab	40.5017, -10.0354, -20.6145

Details

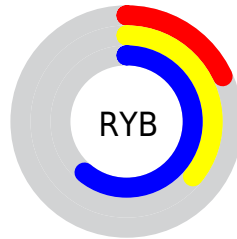
The HunterLab color **40.5017, -10.0354, -20.6145** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **36.3448, 20.1279, 18.3595**, and the grayscale version is **36.4335, -1.9440, 1.9795**.

A 20% lighter version of the original color is **61.0101, -12.1807, -21.8728**, and **23.7365, -5.3218, -18.1804** is the 20% darker color. If you saturate the color by 10%, you get **38.6295, -9.2628, -23.9553**, and if you desaturate by 10%, it is **42.5215, -10.3034, -17.2187**.

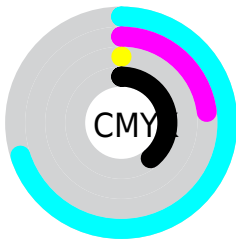
Distribution



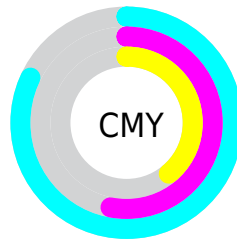
- Red (18%)
- Green (47%)
- Blue (61%)



- Red (18%)
- Yellow (36%)
- Blue (61%)



- Cyan (70%)
- Magenta (23%)
- Yellow (0%)
- Black (39%)



- Cyan (82%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5017, -10.0354, -20.6145 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 40.5017, -10.0354, -20.6145 by changing the saturation by 10% instead.

40.5017, -10.0354,
-20.6145

40.5017, -10.0354,
-20.6145

152.2224,
-20.6607, -22.8987

31.3222, -8.8443,
-20.0914

61.0729, -12.3762,
-21.5171

22.9645, -7.6221,
-19.5591

72.3661, -13.5413,
-21.8822

15.5201, -6.3430,
-19.1091

84.2807, -14.7087,
-22.1883

9.1125, -5.6887,
-19.0626

96.7856, -15.8815,
-22.4367

0.0000, NaN, -NF

0.0000, NaN, -NF

109.8543,
-17.0618, -22.6296

0.0000, NaN, NaN

123.4634,

0.0000, NaN, NaN

-18.2510, -22.7694

0.0000, NaN, NaN

137.5923,
-19.4503, -22.8583

■ 40.5017, -10.0354,
-20.6145

■ 40.5017, -10.0354,
-20.6145

■ 38.6295, -9.2628,
-23.9553

■ 42.5215, -10.3034,
-17.2187

■ 36.9039, -7.9837,
-27.2217

■ 44.6819, -10.0882,
-13.7930

■ 35.2975, -6.3080,
-30.4497

■ 46.9769, -9.4210,
-10.3569

■ 35.2455, -6.2520,
-30.5576

■ 49.3986, -8.3389,
-6.9270

■ 51.9390, -6.8802,
-3.5156

■ 54.5900, -5.0826,
-0.1315

■ 57.3438, -2.9817,
3.2196

■ 60.1933, -0.6100,
6.5348

■ 63.1317, 2.0032,
9.8129

Harmonies

Analogous

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



40.5024, -17.5348, -11.5972



40.5017, -10.0354, -20.6145



40.5024, 0.3614, -22.8540

Triad

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



40.5024, -10.0352, -20.6137



40.5024, 20.6934, 4.5065



40.5024, -13.9328, 15.0820

Complementary

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



40.5017, -10.0354, -20.6145



36.3448, 20.1279, 18.3595

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.



40.5024, -4.6276, 17.3702



40.5017, -10.0354, -20.6145



40.5024, 15.9093, 12.3935

Square

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



40.5024, -10.0352, -20.6137



40.5024, 18.8566, -6.3895



40.5024, 6.3600, 16.5352



40.5024, -19.6141, 9.2499

Rectangle

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



40.5017, -10.0354, -20.6145



40.5024, 7.7005, -19.7875



40.5024, 6.3600, 16.5352



40.5024, -11.1650, 16.2102

Sweetspot

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



40.5024, -10.0352, -20.6137



68.9053, -9.5802, -5.4951



49.6434, -35.1453, 20.6292



32.3649, -4.8070, -3.1690



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.



40.5024, -10.0352, -20.6137



50.2943, -11.4550, -34.6790



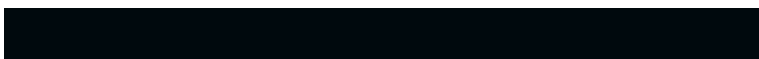
26.3863, 15.2810, -53.1545



25.8628, -2.3601, 0.0107



31.6998, -5.7756, -27.1542



4.6422, -1.7953, -1.9269

Inverse Universe

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



32.1844, 43.0913, -12.1493



39.5220, 66.1825, -15.6578



49.5563, -4.8757, 27.2326



25.0790, 1.4931, 0.1549



25.3372, 46.6370, -8.7923



3.2026, 6.0742, -2.5018

Previews

White Background



This preview shows how the HunterLab color 40.5017, -10.0354, -20.6145 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 40.5017, -10.0354, -20.6145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

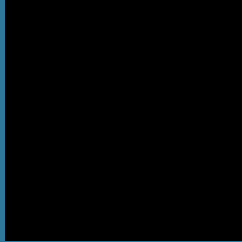
Any Text WCAG AA × Fail

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 40.5017, -10.0354, -20.6145 Background



This preview shows how black text looks on a background with the HunterLab color 40.5017, -10.0354, -20.6145.



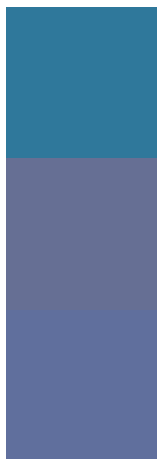
This preview shows how white text looks on a background with the HunterLab color 40.5017, -10.0354, -20.6145.

-10.0354, -20.6145.

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

40.5017, -10.0354, -20.6145

Protanopia

40.4126, 2.1982, -16.1636

Deuteranopia

40.3609, 2.7576, -21.9400



Tritanopia

40.5708, -17.5953, -8.2693

Trichromacy



Original Color

40.5017, -10.0354, -20.6145

Protanomaly

40.0785, -2.9616, -18.6683

Deuteranomaly

40.0682, -2.5833, -21.8964

Tritanomaly

40.6583, -15.1115, -12.5295

Monochromacy



Original Color

40.5017, -10.0354, -20.6145

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.5654, -6.8206, -5.5222

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5017, -10.0354, -20.6145 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(47, 120, 155)` looks like.

```
.text, #text, p{  
    color:rgb(47, 120, 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(47, 120, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 120, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5017, -10.0354, -20.6145 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(47, 120, 155) }
```


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

```
.border{ border-color:rgb(47, 120, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 120, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 120, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 120, 155);  
box-shadow:4px 4px 4px 4px rgb(47, 120,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5017, -10.0354, -20.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 120, 155) }
```

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

```
.background{ background-color: rgb(47, 120,  
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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