

Converting Colors

HunterLab(40.9213, -11.6403,
7.0631)

Have a look what the booklet for
HunterLab(40.9213, -11.6403,
7.0631) contains.

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Color

**HunterLab(40.9944,
-11.7180, 7.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7865
RGB	95, 120, 101
RGB Percent	37%, 47%, 40%
CMY	0.6274, 0.5294, 0.6039
CMYK	0.21, 0.00, 0.16, 0.53
HSL	134°, 12%, 42%
HSV	134°, 21%, 47%
XYZ	13.7847, 16.8054, 14.8291
YIQ	110.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

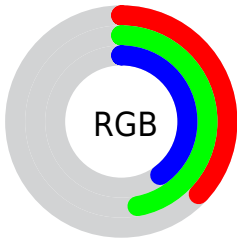
Format	Color
R _Y B	95, 115, 120
Decimal	6256741
CIE Lab	48.01, -13.23, 7.47
CIE LCh	48, 15.189, 150.542
Yxy	16.8061, 0.3035, 0.3700
Android (android.graphics.Color)	4284446821 (0xFF5F7865)
YUV	110.3590, -4.6140, -13.4698
Hunter-Lab	40.9944, -11.7180, 7.2488

Details

The HunterLab color $40.9944, -11.7180, 7.2488$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $36.5961, 8.5143, -3.0934$, and the grayscale version is $39.6449, -2.1154, 2.1540$.

A 20% lighter version of the original color is $61.5492, -14.1124, 9.0639$, and $23.2405, -8.8885, 5.2615$ is the 20% darker color. If you saturate the color by 10%, you get $40.0540, -15.6779, 9.4592$, and if you desaturate by 10%, it is $42.0570, -7.3835, 4.9407$.

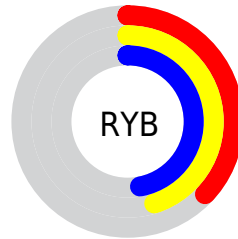
Distribution



Red (37%)

Green (47%)

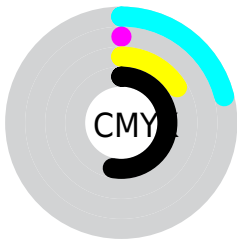
Blue (40%)



Red (37%)

Yellow (45%)

Blue (47%)

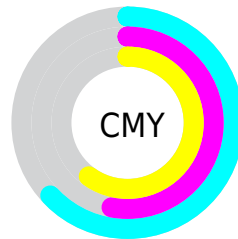


Cyan (21%)

Magenta (0%)

Yellow (16%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9944, -11.7180, 7.2488 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 40.9944, -11.7180, 7.2488 by changing the saturation by 10% instead.

■ 40.9944, -11.7180,
7.2488

■ 40.9944, -11.7180,
7.2488

152.9878,
-23.3767, 16.4298

■ 31.7748, -10.3718,
6.2801

■ 61.6378, -14.3359,
9.1988

■ 23.3728, -8.9764,
5.3036

■ 72.9638, -15.6256,
10.1879

■ 15.8787, -7.5004,
4.3034

■ 84.9094, -16.9108,
11.1898

■ 9.4196, -6.6210,
3.7998

■ 97.4440, -18.1955,
12.2061

0.0000, NaN, NaN

0.0000, NaN, NaN

110.5410,
-19.4824, 13.2377

0.0000, NaN, NaN

124.1773,

0.0000, NaN, NaN

-20.7739, 14.2852

0.0000, NaN, NaN

138.3323,
-22.0715, 15.3492

■ 40.9944, -11.7180,
7.2488

■ 40.9944, -11.7180,
7.2488

■ 40.0540, -15.6779,
9.4592

■ 42.0570, -7.3835,
4.9407

■ 39.2352, -19.2204,
11.5467

■ 43.2358, -2.7156,
2.5564

■ 38.5395, -22.3122,
13.4881

■ 44.5276, 2.2407,
0.1176

■ 37.9658, -24.9281,
15.2615

■ 45.9275, 7.4429,
-2.3568

■ 37.5108, -27.0556,
16.8477

■ 47.4304, 12.8509,
-4.8504

■ 37.1688, -28.6970,
18.2316

■ 49.0309, 18.4288,
-7.3498

■ 36.9314, -29.8728,
19.4031

■ 50.7233, 24.1447,
-9.8439

■ 36.7713, -30.6798,
20.2679

■ 52.5023, 29.9711,
-12.3242

■ 54.3626, 35.8847,
-14.7842

Harmonies

Analogous

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



40.9953, -7.8646, 10.5704



40.9944, -11.7180, 7.2488



40.9953, -13.0543, 2.1280

Triad

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



40.9953, -11.7188, 7.2493



40.9953, -2.0809, -10.2666



40.9953, 8.1790, 7.4046

Complementary

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



40.9944, -11.7180, 7.2488



36.5961, 8.5143, -3.0934

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.



40.9953, 9.9395, 2.3347



40.9944, -11.7180, 7.2488



40.9953, 3.8119, -8.3381

Square

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



40.9953, -11.7188, 7.2493



40.9953, -7.6866, -8.4676



40.9953, 8.2983, -3.5137



40.9953, 3.6132, 10.6506

Rectangle

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



40.9944, -11.7180, 7.2488



40.9953, -12.4002, -1.7906



40.9953, 8.2983, -3.5137



40.9953, 9.1298, 5.8833

Sweetspot

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



40.9953, -11.7188, 7.2493



56.4887, -6.9415, 5.0808



42.2476, -7.4141, 10.7089



27.4623, -3.5273, 2.5492



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.9953, -11.7188, 7.2493



53.7503, -18.1155, 11.0324



41.3114, -9.9205, 2.7181



21.1289, -3.2954, 2.2645



38.4034, -32.0602, 21.2078



83.8071, -70.4483, 47.3262

Inverse Universe

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



36.5961, 8.5143, -3.0934



46.6361, 14.6511, -5.6922



36.2361, 6.6360, 2.0179



20.1540, 1.1789, -0.0275



22.7635, 42.6098, -13.4034



49.5776, 92.5672, -27.3751

Previews

White Background



This preview shows how the HunterLab color 40.9944, -11.7180, 7.2488 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 40.9944, -11.7180, 7.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

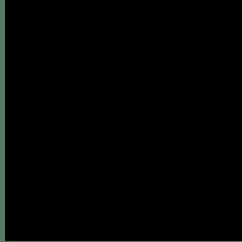
Any Text WCAG AA × Fail

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 40.9944, -11.7180, 7.2488 Background



This preview shows how black text looks on a background with the HunterLab color 40.9944, -11.7180, 7.2488.



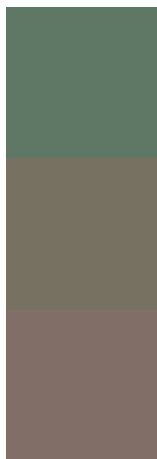
This preview shows how white text looks on a background with the HunterLab color 40.9944,

-11.7180, 7.2488.

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

40.9944, -11.7180, 7.2488

Protanopia

40.7603, -2.4996, 8.2642

Deuteranopia

40.9857, 2.6501, 6.7388



Tritanopia

41.0872, -5.5513, -3.2629

Trichromacy



Original Color

40.9944, -11.7180, 7.2488

Protanomaly

40.8737, -6.3372, 7.9523

Deuteranomaly

40.9583, -3.0297, 6.9888

Tritanomaly

41.0340, -7.7492, 0.8322

Monochromacy



Original Color

40.9944, -11.7180, 7.2488

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.1241, -5.7250, 4.0698

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9944, -11.7180, 7.2488 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(95, 120, 101)` looks like.

```
.text, #text, p{  
    color:rgb(95, 120, 101)  
}
```

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(95, 120, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 120, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9944, -11.7180, 7.2488 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(95, 120, 101) }
```


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

```
.border{ border-color:rgb(95, 120, 101) }
```

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

Here you see how a box with a 4 pixel rgb(95, 120, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 120, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 120, 101);  
box-shadow:4px 4px 4px 4px rgb(95, 120,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9944, -11.7180, 7.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 120, 101) }
```

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

```
.background{ background-color: rgb(95, 120,  
101) }
```

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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