

Converting Colors

HunterLab(36.9319, -11.7534,
5.9113)

Have a look what the booklet for
HunterLab(36.9319, -11.7534,
5.9113) contains.

HunterLab(37.0020, -11.9540, 5.9974)	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(37.0020,
-11.9540, 5.9974)**

Conversions

Conversions Part 1

Format	Color
Hex	516E5D
RGB	81, 110, 93
RGB Percent	32%, 43%, 36%
CMY	0.6824, 0.5686, 0.6353
CMYK	0.26, 0.00, 0.15, 0.57
HSL	145°, 15%, 37%
HSV	145°, 26%, 43%
XYZ	10.9450, 13.6915, 12.4218
YIQ	99.3910, -11.8270, -11.4350

Conversions

Conversions Part 2

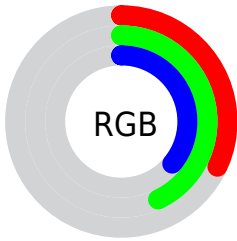
Format	Color
R_{YB}	81, 102, 110
Decimal	5336669
CIE Lab	43.79, -14.45, 6.08
CIE LCh	44, 15.677, 157.172
Yxy	13.6921, 0.2953, 0.3695
Android (android.graphics.Color)	4283526749 (0xFF516E5D)
YUV	99.3910, -3.1508, -16.1289
Hunter-Lab	37.0020, -11.9540, 5.9974

Details

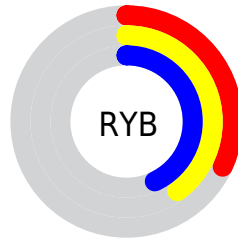
The HunterLab color $37.0020, -11.9540, 5.9974$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31.7521, 9.5207, -1.8456$, and the grayscale version is $35.4850, -1.8934, 1.9280$.

A 20% lighter version of the original color is $57.1394, -14.9031, 7.9835$, and $20.0195, -8.9196, 4.2151$ is the 20% darker color. If you saturate the color by 10%, you get $36.2426, -15.1383, 7.4731$, and if you desaturate by 10%, it is $37.8645, -8.4501, 4.5232$.

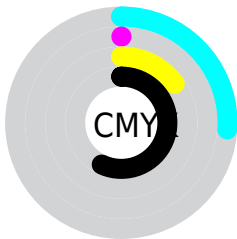
Distribution



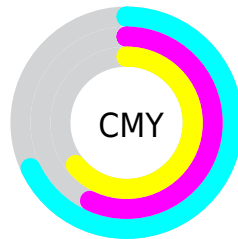
- Red (32%)
- Green (43%)
- Blue (36%)



- Red (32%)
- Yellow (40%)
- Blue (43%)



- Cyan (26%)
- Magenta (0%)
- Yellow (15%)
- Black (57%)



- Cyan (68%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0020, -11.9540, 5.9974 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 37.0020, -11.9540, 5.9974 by changing the saturation by 10% instead.

37.0020, -11.9540,
5.9974

37.0020, -11.9540,
5.9974

146.7333,
-24.1793, 14.5233

28.1190, -10.5035,
5.1222

57.0453, -14.7397,
7.7769

20.0882, -8.9815,
4.2460

68.0990, -16.1002,
8.6875

13.0129, -7.3410,
3.3534

79.7867, -17.4500,
9.6147

6.4758, -10.0682,
4.2456

92.0758, -18.7942,
10.5595

0.0000, NaN, NaN

0.0000, NaN, NaN

104.9381,
-20.1368, 11.5225

0.0000, NaN, NaN

118.3491,

0.0000, NaN, NaN

-21.4804, 12.5041

0.0000, NaN, NaN

132.2872,
-22.8274, 13.5043

■ 37.0020, -11.9540,
5.9974

■ 37.0020, -11.9540,
5.9974

■ 36.2426, -15.1383,
7.4731

■ 37.8645, -8.4501,
4.5232

■ 35.5850, -17.9728,
8.9340

■ 38.8259, -4.6566,
3.0625

■ 35.0293, -20.4358,
10.3644

■ 39.8841, -0.6077,
1.6273

■ 34.5737, -22.5131,
11.7478

■ 41.0359, 3.6629,
0.2270

■ 34.2145, -24.2009,
13.0676

■ 42.2773, 8.1229,
-1.1310

■ 33.9458, -25.5079,
14.3082

■ 43.6040, 12.7422,
-2.4412

■ 33.7497, -26.4987,
15.4464

■ 45.0119, 17.4937,
-3.7000

■ 33.6836, -26.8332,
15.8236

■ 46.4966, 22.3532,
-4.9051

■ 48.0537, 27.3000,
-6.0557

Harmonies

Analogous

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



37.0028, -8.6472, 9.6885



37.0020, -11.9540, 5.9974



37.0028, -12.6711, 0.6276

Triad

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



37.0028, -11.9546, 5.9979



37.0028, -0.5352, -10.5126



37.0028, 7.6023, 8.0125

Complementary

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



37.0020, -11.9540, 5.9974



31.7521, 9.5207, -1.8456

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.



37.0028, 10.0905, 3.3491



37.0020, -11.9540, 5.9974



37.0028, 5.2033, -7.7648

Square

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



37.0028, -11.9546, 5.9979



37.0028, -6.3171, -9.5042



37.0028, 9.1860, -2.4685



37.0028, 2.5742, 10.7167

Rectangle

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



37.0020, -11.9540, 5.9974



37.0028, -11.6270, -3.3163



37.0028, 9.1860, -2.4685



37.0028, 8.7775, 6.6533

Sweetspot

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



37.0028, -11.9546, 5.9979



51.2063, -7.1270, 4.4141



37.9019, -9.1458, 11.0172



24.6253, -3.7370, 2.2420



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



37.0028, -11.9546, 5.9979



48.3666, -18.6306, 9.2179



37.3703, -9.8529, 0.7414



19.4525, -2.8705, 1.7396



36.9103, -29.4571, 17.4548



82.2812, -66.3639, 40.4162

Inverse Universe

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



31.7521, 9.5207, -1.8456



39.8032, 16.4870, -3.5359



31.3666, 7.5334, 3.6440



18.5236, 0.9141, 0.3464



21.0424, 38.1527, -2.8131



46.7784, 84.4797, -3.6501

Previews

White Background



This preview shows how the HunterLab color 37.0020, -11.9540, 5.9974 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 37.0020, -11.9540, 5.9974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

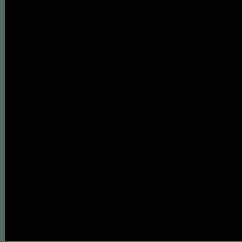
Any Text WCAG AA × Fail

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 37.0020, -11.9540, 5.9974 Background



This preview shows how black text looks on a background with the HunterLab color 37.0020, -11.9540, 5.9974.



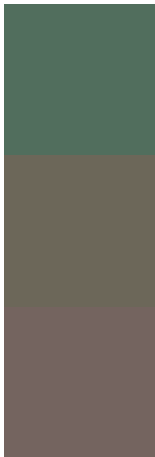
This preview shows how white text looks on a background with the HunterLab color 37.0020,

-11.9540, 5.9974.

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

37.0020, -11.9540, 5.9974

Protanopia

36.8916, -2.4448, 7.5002

Deuteranopia

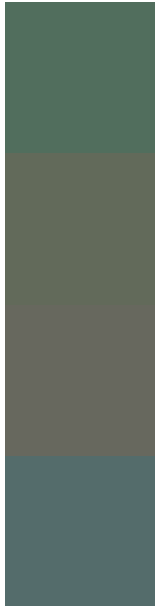
36.9507, 2.1223, 5.4342



Tritanopia

36.9926, -6.3580, -3.3128

Trichromacy



Original Color

37.0020, -11.9540, 5.9974

Protanomaly

36.9363, -6.4705, 7.1199

Deuteranomaly

36.8678, -3.6875, 5.6231

Tritanomaly

36.9750, -8.3558, 0.3327

Monochromacy



Original Color

37.0020, -11.9540, 5.9974

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.8314, -5.8065, 3.2641

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0020, -11.9540, 5.9974 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(81, 110, 93)` looks like.

```
.text, #text, p{  
    color:rgb(81, 110, 93)  
}
```

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(81, 110, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 110, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0020, -11.9540, 5.9974 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(81, 110, 93) }
```


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

```
.border{ border-color:rgb(81, 110, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 110, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 110, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 110, 93);  
box-shadow:4px 4px 4px 4px rgb(81, 110,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0020, -11.9540, 5.9974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 110, 93) }
```

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

```
.background{ background-color: rgb(81, 110,  
93) }
```

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