

Converting Colors

HunterLab(35.5002, -14.7008,
-7.0077)

Have a look what the booklet for
HunterLab(35.5002, -14.7008,
-7.0077) contains.

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Color

**HunterLab(35.5002,
-14.7008, -7.0077)**

Conversions

Conversions Part 1

Format	Color
Hex	236D76
RGB	35, 109, 118
RGB Percent	14%, 43%, 46%
CMY	0.8627, 0.5725, 0.5373
CMYK	0.70, 0.08, 0.00, 0.54
HSL	187°, 54%, 30%
HSV	187°, 70%, 46%
XYZ	9.4318, 12.6026, 19.0750
YIQ	87.9000, -46.9930, -12.8890

Conversions

Conversions Part 2

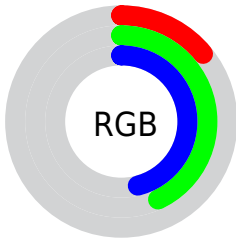
Format	Color
R_{YB}	35, 74, 118
Decimal	2321782
CIE _{Lab}	42.16, -19.20, -11.64
CIE _{LCh}	42, 22.448, 211.220
Yxy	12.6031, 0.2294, 0.3066
Android (android.graphics.Color)	4280511862 (0xFF236D76)
YUV	87.9000, 14.8393, -46.3933
Hunter-Lab	35.5002, -14.7008, -7.0077

Details

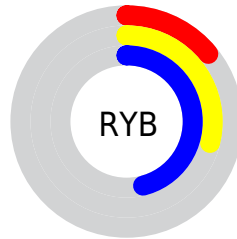
The HunterLab color **35.5002, -14.7008, -7.0077** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **24.0306, 22.3894, 11.2753**, and the grayscale version is **31.1628, -1.6628, 1.6931**.

A 20% lighter version of the original color is **55.3781, -18.2175, -6.9119**, and **19.4414, -8.5510, -5.8409** is the 20% darker color. If you saturate the color by 10%, you get **34.8701, -15.1491, -7.9214**, and if you desaturate by 10%, it is **36.2221, -13.9136, -5.9790**.

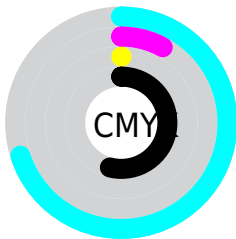
Distribution



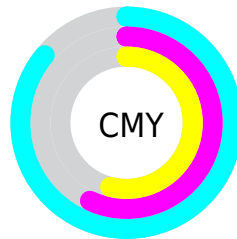
- Red (14%)
- Green (43%)
- Blue (46%)



- Red (14%)
- Yellow (29%)
- Blue (46%)



- Cyan (70%)
- Magenta (8%)
- Yellow (0%)
- Black (54%)



- Cyan (86%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5002, -14.7008, -7.0077 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 35.5002, -14.7008, -7.0077 by changing the saturation by 10% instead.

■ 35.5002, -14.7008,
-7.0077

■ 35.5002, -14.7008,
-7.0077

144.3462,
-29.1379, -5.4652

■ 26.7504, -12.8918,
-6.8686

■ 55.3072, -18.0984,
-7.0596

■ 18.8673, -10.9588,
-6.6455

■ 66.2542, -19.7289,
-6.9871

■ 11.9602, -8.8302,
-6.3370

■ 77.8410, -21.3309,
-6.8564

■ 4.8890, -8.5557,
-9.6499

■ 90.0341, -22.9126,
-6.6719

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.8048,
-24.4800, -6.4375

0.0000, NaN, NaN

■ 116.1280,

0.0000, NaN, NaN

-26.0378, -6.1564

0.0000, NaN, NaN

129.9816,
-27.5895, -5.8315

■ 35.5002, -14.7008,
-7.0077

■ 35.5002, -14.7008,
-7.0077

■ 34.8701, -15.1491,
-7.9214

■ 36.2221, -13.9136,
-5.9790

■ 34.3243, -15.2749,
-8.7234

■ 37.0371, -12.7826,
-4.8396

■ 33.8426, -15.2219,
-9.4407

■ 37.9472, -11.3129,
-3.5951

■ 38.9522, -9.5168,
-2.2533

■ 40.0509, -7.4121,
-0.8239

■ 41.2409, -5.0201,
0.6835

■ 42.5195, -2.3643,
2.2588

■ 43.8831, 0.5311,
3.8925

■ 45.3282, 3.6421,
5.5757

Harmonies

Analogous

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



35.5009, -16.6679, 1.6032



35.5002, -14.7008, -7.0077



35.5009, -9.3552, -14.3785

Triad

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



35.5009, -14.7009, -7.0072



35.5009, 13.4278, -6.3056



35.5009, -2.2399, 14.1337

Complementary

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



35.5002, -14.7008, -7.0077



24.0306, 22.3894, 11.2753

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.



35.5009, 6.2347, 12.9492



35.5002, -14.7008, -7.0077



35.5009, 15.7722, 2.2585

Square

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



35.5009, -14.7009, -7.0072



35.5009, 6.8858, -13.9116



35.5009, 13.0279, 9.0205



35.5009, -9.8996, 12.7362

Rectangle

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



35.5002, -14.7008, -7.0077



35.5009, -4.3324, -16.8930



35.5009, 13.0279, 9.0205



35.5009, 0.6077, 14.0268

Sweetspot

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



35.5009, -14.7009, -7.0072



52.9283, -10.1807, -1.3233



36.7303, -27.2783, 18.4187



25.2277, -5.1757, -0.8298



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



35.5009, -14.7009, -7.0072



45.8083, -20.2339, -11.1339



24.1337, 2.4607, -27.1938



20.2256, -2.2901, 0.4326



35.1849, -15.8131, -9.8422



77.1792, -34.2837, -22.4586

Inverse Universe

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



24.8156, 34.4945, -18.6733



30.5148, 52.7021, -27.7822



32.3094, 4.2733, 17.0650



19.3686, 1.2210, -0.3032



22.9646, 44.1474, -22.5235



50.6188, 97.1902, -48.7160

Previews

White Background



This preview shows how the HunterLab color 35.5002, -14.7008, -7.0077 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 35.5002, -14.7008, -7.0077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

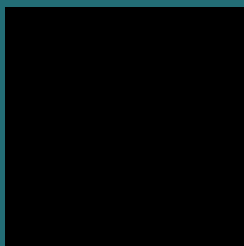
Any Text WCAG AA × Fail

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 35.5002, -14.7008, -7.0077 Background



This preview shows how black text looks on a background with the HunterLab color 35.5002, -14.7008, -7.0077.



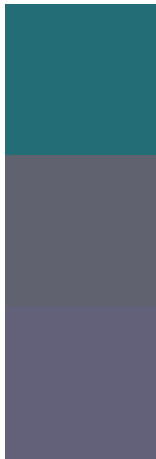
This preview shows how white text looks on a background with the HunterLab color 35.5002,

-14.7008, -7.0077.

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

35.5002, -14.7008, -7.0077

Protanopia

35.2483, -0.0716, -3.5779

Deuteranopia

35.3928, 2.4308, -8.4515



Tritanopia

35.5002, -14.7008, -7.0077

Trichromacy



Original Color

35.5002, -14.7008, -7.0077

Protanomaly

34.8905, -6.7640, -5.6714

Deuteranomaly

34.8702, -4.9929, -8.8139

Tritanomaly

35.5002, -14.7008, -7.0077

Monochromacy



Original Color

35.5002, -14.7008, -7.0077

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

32.4527, -7.8987, -1.7072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5002, -14.7008, -7.0077 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(35, 109, 118)` looks like.

```
.text, #text, p{  
    color:rgb(35, 109, 118)  
}
```

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(35, 109, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 109, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5002, -14.7008, -7.0077 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(35, 109, 118) }
```


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

```
.border{ border-color:rgb(35, 109, 118) }
```

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

Here you see how a box with a 4 pixel rgb(35, 109, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 109, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 109, 118);  
box-shadow:4px 4px 4px 4px rgb(35, 109,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.5002, -14.7008, -7.0077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 109, 118) }
```

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

```
.background{ background-color: rgb(35, 109,  
118) }
```

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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