

Converting Colors

HunterLab(35.8513, -14.8982,
-6.5143)

Have a look what the booklet for
HunterLab(35.8513, -14.8982,
-6.5143) contains.

HunterLab(35.8513, -14.8982, -6.5143)	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(35.8513,
-14.8982, -6.5143)**

Conversions

Conversions Part 1

Format	Color
Hex	256E76
RGB	37, 110, 118
RGB Percent	15%, 43%, 46%
CMY	0.8549, 0.5686, 0.5373
CMYK	0.69, 0.07, 0.00, 0.54
HSL	186°, 52%, 30%
HSV	186°, 69%, 46%
XYZ	9.6089, 12.8532, 19.1140
YIQ	89.0850, -46.0760, -12.9880

Conversions

Conversions Part 2

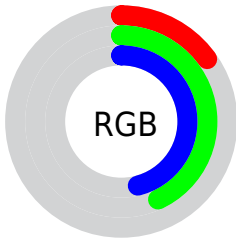
Format	Color
RYB	37, 75, 118
Decimal	2453110
CIELab	42.54, -19.41, -11.05
CIElCh	43, 22.334, 209.658
Yxy	12.8536, 0.2311, 0.3092
Android (android.graphics.Color)	4280643190 (0xFF256E76)
YUV	89.0850, 14.2551, -45.6785
Hunter-Lab	35.8513, -14.8982, -6.5143

Details

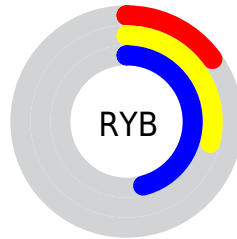
The HunterLab color **35.8513, -14.8982, -6.5143** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **24.2120, 22.0916, 11.0192**, and the grayscale version is **31.6003, -1.6861, 1.7169**.

A 20% lighter version of the original color is **55.7406, -18.4796, -6.4283**, and **19.7166, -8.9003, -5.4308** is the 20% darker color. If you saturate the color by 10%, you get **35.2416, -15.4431, -7.3903**, and if you desaturate by 10%, it is **36.5534, -14.0129, -5.5221**.

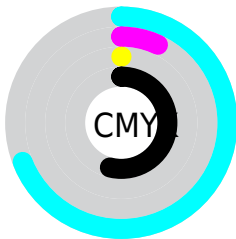
Distribution



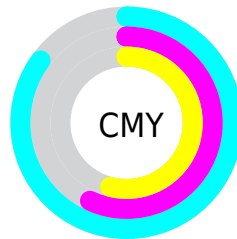
- Red (15%)
- Green (43%)
- Blue (46%)



- Red (15%)
- Yellow (29%)
- Blue (46%)



- Cyan (69%)
- Magenta (7%)
- Yellow (0%)
- Black (54%)



- Cyan (85%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8513, -14.8982, -6.5143 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 35.8513, -14.8982, -6.5143 by changing the saturation by 10% instead.

■ 35.8513, -14.8982,
-6.5143

■ 35.8513, -14.8982,
-6.5143

144.9060,
-29.4256, -4.7525

■ 27.0700, -13.0774,
-6.4037

■ 55.7141, -18.3184,
-6.5114

■ 19.1519, -11.1324,
-6.2089

■ 66.6862, -19.9596,
-6.4130

■ 12.2050, -8.9872,
-5.9254

■ 78.2968, -21.5720,
-6.2571

■ 5.3047, -9.2833,
-8.3984

■ 90.5126, -23.1636,
-6.0484

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.3049,
-24.7406, -5.7906

0.0000, NaN, NaN

■ 116.6487,

0.0000, NaN, NaN

-26.3077, -5.4869

0.0000, NaN, NaN

130.5223,
-27.8684, -5.1401

■ 35.8513, -14.8982,
-6.5143

■ 35.8513, -14.8982,
-6.5143

■ 35.2416, -15.4431,
-7.3903

■ 36.5534, -14.0129,
-5.5221

■ 34.7168, -15.6626,
-8.1535

■ 37.3489, -12.7833,
-4.4182

■ 34.2505, -15.6584,
-8.8392

■ 38.2400, -11.2152,
-3.2077

■ 34.1874, -15.6568,
-8.9328

■ 39.2263, -9.3214,
-1.8986

■ 40.3067, -7.1199,
-0.4999

■ 41.4790, -4.6325,
0.9785

■ 42.7402, -1.8828,
2.5268

■ 44.0871, 1.1048,
4.1354

■ 45.5159, 4.3059,
5.7955

Harmonies

Analogous

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



35.8520, -16.6784, 2.0431



35.8513, -14.8982, -6.5143



35.8520, -9.7144, -14.0014

Triad

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



35.8520, -14.8983, -6.5138



35.8520, 13.1158, -6.7097



35.8520, -1.8184, 14.1665

Complementary

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



35.8513, -14.8982, -6.5143



24.2120, 22.0916, 11.0192

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.



35.8520, 6.6142, 12.8402



35.8513, -14.8982, -6.5143



35.8520, 15.7076, 1.8597

Square

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



35.8520, -14.8983, -6.5138



35.8520, 6.4321, -14.1316



35.8520, 13.2275, 8.7520



35.8520, -9.5619, 12.9001

Rectangle

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



35.8513, -14.8982, -6.5143



35.8520, -4.7686, -16.6918



35.8520, 13.2275, 8.7520



35.8520, 1.0309, 14.0146

Sweetspot

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



35.8520, -14.8983, -6.5138



53.0217, -10.3227, -1.2089



36.7837, -27.0464, 18.3906



25.2770, -5.2500, -0.7690



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.



35.8520, -14.8983, -6.5138



46.3414, -20.6865, -10.3646



24.8526, 1.5464, -25.5486



20.2397, -2.3127, 0.4493



35.5449, -16.2673, -9.3117



78.0164, -35.3439, -21.2163

Inverse Universe

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



25.1014, 33.9222, -18.7840



30.8102, 52.2202, -28.3011



32.1948, 4.6207, 16.6952



19.3701, 1.2290, -0.3244



23.0205, 44.3431, -23.2623



50.7482, 97.6435, -50.4283

Previews

White Background



This preview shows how the HunterLab color 35.8513, -14.8982, -6.5143 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 35.8513, -14.8982, -6.5143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

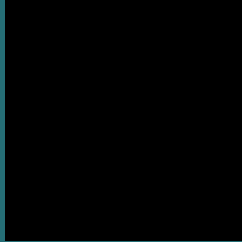
Any Text WCAG AA × Fail

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 35.8513, -14.8982, -6.5143 Background



This preview shows how black text looks on a background with the HunterLab color 35.8513, -14.8982, -6.5143.



This preview shows how white text looks on a background with the HunterLab color 35.8513, -14.8982, -6.5143.

-14.8982, -6.5143.

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

35.8513, -14.8982, -6.5143

Protanopia

35.5922, -0.2586, -3.1248

Deuteranopia

35.7330, 2.2296, -7.9569



Tritanopia

35.8847, -14.7036, -6.9816

Trichromacy



Original Color

35.8513, -14.8982, -6.5143

Protanomaly

35.2873, -6.7771, -5.1231

Deuteranomaly

35.2070, -5.2233, -8.3213

Tritanomaly

35.8847, -14.7036, -6.9816

Monochromacy



Original Color

35.8513, -14.8982, -6.5143

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.8201, -7.9386, -1.6958

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8513, -14.8982, -6.5143 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(37, 110, 118)` looks like.

```
.text, #text, p{  
    color:rgb(37, 110, 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(37, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 110, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8513, -14.8982, -6.5143 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(37, 110, 118) }
```


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

```
.border{ border-color:rgb(37, 110, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 110, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(37, 110,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.8513, -14.8982, -6.5143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 110, 118) }
```

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

```
.background{ background-color: rgb(37, 110,  
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](#).

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