

Converting Colors

HunterLab(37.8013, -14.7513,
16.7562)

Have a look what the booklet for
HunterLab(37.8013, -14.7513,
16.7562) contains.

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Color

**HunterLab(37.8013,
-14.7513, 16.7562)**

Conversions

Conversions Part 1

Format	Color
Hex	5A713A
RGB	90, 113, 58
RGB Percent	35%, 44%, 23%
CMY	0.6471, 0.5569, 0.7725
CMYK	0.20, 0.00, 0.49, 0.56
HSL	85°, 32%, 34%
HSV	85°, 49%, 44%
XYZ	10.8853, 14.2894, 6.1874
YIQ	99.8530, 3.9470, -21.9810

Conversions

Conversions Part 2

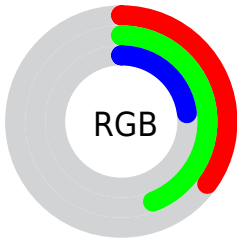
Format	Color
RYB	58, 113, 81
Decimal	5927226
CIELab	44.65, -18.59, 27.67
CIELCh	45, 33.334, 123.896
Yxy	14.2900, 0.3471, 0.4556
Android (android.graphics.Color)	4284117306 (0xFF5A713A)
YUV	99.8530, -20.6335, -8.6411
Hunter-Lab	37.8013, -14.7513, 16.7562

Details

The HunterLab color $[37.8013, -14.7513, 16.7562]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[24.4297, 14.8804, -22.6039]$, and the grayscale version is $[35.7179, -1.9058, 1.9406]$.

A 20% lighter version of the original color is $[57.9772, -18.2060, 21.4622]$, and $[20.7349, -11.2220, 11.5857]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3602, -16.7242, 18.5104]$, and if you desaturate by 10%, it is $[38.2917, -12.5636, 14.5812]$.

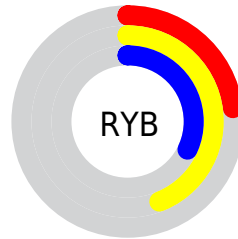
Distribution



Red (35%)

Green (44%)

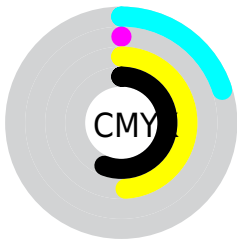
Blue (23%)



Red (23%)

Yellow (44%)

Blue (32%)

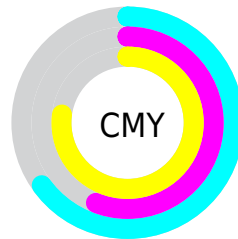


Cyan (20%)

Magenta (0%)

Yellow (49%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8013, -14.7513, 16.7562 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 37.8013, -14.7513, 16.7562 by changing the saturation by 10% instead.

37.8013, -14.7513,
16.7562

37.8013, -14.7513,
16.7562

147.9958,
-28.8589, 35.4522

28.8490, -13.0105,
14.2570

57.9679, -18.0463,
21.3450

20.7415, -11.1632,
11.5513

69.0774, -19.6348,
23.4993

13.5792, -9.1475,
9.5054

80.8179, -21.1993,
25.5885

7.1718, -11.6784,
5.0202

93.1572, -22.7468,
27.6267

0.0000, NaN, NaN

0.0000, NaN, NaN

106.0675,
-24.2829, 29.6247

0.0000, NaN, NaN

119.5246,

0.0000, NaN, NaN

-25.8115, 31.5909

0.0000, NaN, NaN

133.5070,
-27.3360, 33.5316

■ 37.8013, -14.7513,
16.7562

■ 37.8013, -14.7513,
16.7562

■ 37.3602, -16.7242,
18.5104

■ 38.2917, -12.5636,
14.5812

■ 36.9649, -18.4782,
19.8533

■ 38.8293, -10.1625,
11.9811

■ 36.6148, -20.0163,
20.8032

■ 39.4152, -7.5558,
8.9581

■ 36.3079, -21.3454,
21.3882

■ 40.0491, -4.7519,
5.5190

■ 36.0351, -22.5149,
21.7396

■ 40.7307, -1.7608,
1.6747

■ 36.0002, -22.6652,
21.7864

■ 41.4592, 1.4064,
-2.5611

■ 42.2338, 4.7383,
-7.1722

■ 43.0536, 8.2229,
-12.1405

■ 43.9173, 11.8482,
-17.4470

Harmonies

Analogous

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



37.8021, -3.6719, 18.7224



37.8013, -14.7513, 16.7562



37.8021, -21.6251, 10.9539

Triad

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



37.8021, -14.7522, 16.7565



37.8021, -12.2201, -25.4744



37.8021, 25.7060, 3.6096

Complementary

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



37.8013, -14.7513, 16.7562



24.4297, 14.8804, -22.6039

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.



37.8021, 22.6331, -9.7196



37.8013, -14.7513, 16.7562



37.8021, -0.3373, -29.4198

Square

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



37.8021, -14.7522, 16.7565



37.8021, -20.3050, -13.4102



37.8021, 12.6604, -22.8942



37.8021, 20.5782, 12.8971

Rectangle

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



37.8013, -14.7513, 16.7562



37.8021, -23.4527, 4.4561



37.8021, 12.6604, -22.8942



37.8021, 25.6014, -0.5090

Sweetspot

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



37.8021, -14.7522, 16.7565



53.0131, -8.9117, 10.5424



31.1274, 5.7996, 11.6570



25.4297, -4.5706, 5.4147



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.8021, -14.7522, 16.7565



49.9438, -22.5972, 24.9491



36.2760, -20.7098, 15.4477



19.6216, -2.3749, 2.7625



38.3260, -24.2012, 23.1926



85.2387, -55.2411, 51.5566

Inverse Universe

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



24.4297, 14.8804, -22.6039



28.6171, 25.4115, -39.8821



27.2637, 22.5357, -16.7821



18.3365, 0.4007, -0.8331



14.2607, 33.9052, -64.2979



31.0598, 74.8807, -148.0663

Previews

White Background



This preview shows how the HunterLab color 37.8013, -14.7513, 16.7562 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 37.8013, -14.7513, 16.7562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

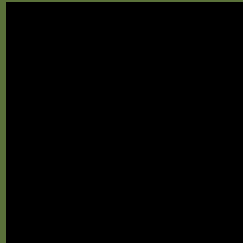
Any Text WCAG AA × Fail

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 37.8013, -14.7513, 16.7562 Background



This preview shows how black text looks on a background with the HunterLab color 37.8013, -14.7513, 16.7562.



This preview shows how white text looks on a background with the HunterLab color 37.8013,

-14.7513, 16.7562.

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

37.8013, -14.7513, 16.7562

Protanopia

37.5393, -4.1466, 17.3503

Deuteranopia

37.7273, 2.0992, 16.3460



Tritanopia

37.8812, -3.2009, -2.1001

Trichromacy



Original Color

37.8013, -14.7513, 16.7562

Protanomaly

37.5985, -8.1633, 17.1252

Deuteranomaly

37.4257, -4.4143, 16.2118

Tritanomaly

37.6541, -8.0209, 6.3874

Monochromacy



Original Color

37.8013, -14.7513, 16.7562

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.3948, -7.2144, 8.2992

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8013, -14.7513, 16.7562 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(90, 113, 58)` looks like.

```
.text, #text, p{  
    color:rgb(90, 113, 58)  
}
```

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(90, 113, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 113, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8013, -14.7513, 16.7562 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(90, 113, 58) }
```


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

```
.border{ border-color:rgb(90, 113, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 113, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 113, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 113, 58);  
box-shadow:4px 4px 4px 4px rgb(90, 113,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8013, -14.7513, 16.7562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 113, 58) }
```

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

```
.background{ background-color: rgb(90, 113,  
58) }
```

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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