

Converting Colors

HunterLab(37.5084, -14.4679,
14.3101)

Have a look what the booklet for
HunterLab(37.5084, -14.4679,
14.3101) contains.

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Color

**HunterLab(37.4592,
-14.2420, 14.1769)**

Conversions

Conversions Part 1

Format	Color
Hex	577044
RGB	87, 112, 68
RGB Percent	34%, 44%, 27%
CMY	0.6588, 0.5608, 0.7333
CMYK	0.22, 0.00, 0.39, 0.56
HSL	94°, 24%, 35%
HSV	94°, 39%, 44%
XYZ	10.7680, 14.0319, 7.6097
YIQ	99.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

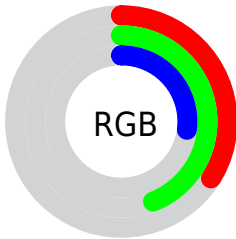
Format	Color
RYB	68, 112, 93
Decimal	5730372
CIELab	44.28, -17.89, 21.55
CIELCh	44, 28.003, 129.695
Yxy	14.0325, 0.3322, 0.4330
Android (android.graphics.Color)	4283920452 (0xFF577044)
YUV	99.5090, -15.5339, -10.9704
Hunter-Lab	37.4592, -14.2420, 14.1769

Details

The HunterLab color $[37.4592, -14.2420, 14.1769]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[27.6254, 13.0814, -15.6498]$, and the grayscale version is $[35.5714, -1.8980, 1.9327]$.

A 20% lighter version of the original color is $[57.6529, -17.3978, 17.9133]$, and $[20.4545, -10.7206, 9.9114]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.8994, -16.7300, 16.2664]$, and if you desaturate by 10%, it is $[38.0822, -11.5023, 11.6883]$.

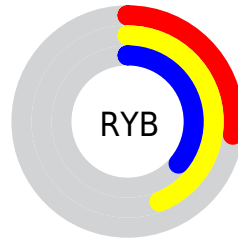
Distribution



Red (34%)

Green (44%)

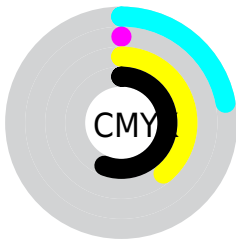
Blue (27%)



Red (27%)

Yellow (44%)

Blue (36%)

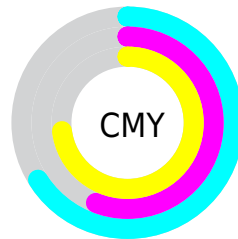


Cyan (22%)

Magenta (0%)

Yellow (39%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4592, -14.2420, 14.1769 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 37.4592, -14.2420, 14.1769 by changing the saturation by 10% instead.

37.4592, -14.2420,
14.1769

37.4592, -14.2420,
14.1769

147.4561,
-28.0321, 29.8551

28.5365, -12.5489,
12.1587

57.5732, -17.4521,
17.9298

20.4616, -10.7544,
9.9887

68.6589, -19.0023,
19.7140

13.3363, -8.7979,
8.3804

80.3770, -20.5306,
21.4578

6.8831, -11.6906,
4.8182

92.6948, -22.0437,
23.1714

0.0000, NaN, NaN

0.0000, NaN, NaN

105.5846,
-23.5469, 24.8627

0.0000, NaN, NaN

119.0220,

0.0000, NaN, NaN

-25.0441, 26.5375

0.0000, NaN, NaN

132.9856,
-26.5384, 28.2004

■ 37.4592, -14.2420,
14.1769

■ 37.4592, -14.2420,
14.1769

■ 36.8994, -16.7300,
16.2664

■ 38.0822, -11.5023,
11.6883

■ 36.4001, -18.9539,
17.9545

■ 38.7657, -8.5210,
8.8066

■ 35.9616, -20.9084,
19.2480

■ 39.5097, -5.3140,
5.5441

■ 35.5823, -22.5922,
20.1619

■ 40.3132, -1.8974,
1.9164

■ 35.2601, -24.0097,
20.7219

■ 41.1746, 1.7117,
-2.0579

■ 34.9843, -25.2180,
21.0768

■ 42.0925, 5.4959,
-6.3586

■ 34.9658, -25.2998,
21.1029

■ 43.0652, 9.4384,
-10.9644

■ 44.0906, 13.5228,
-15.8534

■ 45.1668, 17.7334,
-21.0042

Harmonies

Analogous

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



37.4600, -5.3990, 16.6431



37.4592, -14.2420, 14.1769



37.4600, -19.3906, 8.2079

Triad

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



37.4600, -14.2429, 14.1772



37.4600, -8.8682, -21.3171



37.4600, 20.4829, 5.1840

Complementary

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



37.4592, -14.2420, 14.1769



27.6254, 13.0814, -15.6498

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.



37.4600, 19.2851, -5.3982



37.4592, -14.2420, 14.1769



37.4600, 1.5231, -22.8002

Square

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



37.4600, -14.2429, 14.1772



37.4600, -16.5373, -12.7182



37.4600, 12.0483, -16.3359



37.4600, 15.1582, 12.4989

Rectangle

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



37.4592, -14.2420, 14.1769



37.4600, -20.4145, 2.1428



37.4600, 12.0483, -16.3359



37.4600, 20.8422, 1.9350

Sweetspot

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



37.4600, -14.2429, 14.1772



52.0590, -8.3606, 8.7096



34.1755, 0.9605, 11.5876



25.4712, -4.2931, 4.4690



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.



37.4600, -14.2429, 14.1772



48.9808, -21.8425, 21.2924



36.4307, -18.1196, 12.4474



19.5630, -2.5830, 2.6950



37.5770, -27.2745, 22.6773



83.5759, -62.0920, 50.4121

Inverse Universe

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



27.6254, 13.0814, -15.6498



33.2728, 22.1211, -27.0973



29.4702, 18.1651, -10.6696



18.3990, 0.6128, -0.7498



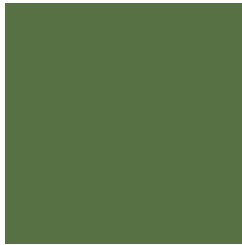
16.0779, 35.9454, -54.8150



35.1571, 79.3697, -125.8233

Previews

White Background



This preview shows how the HunterLab color 37.4592, -14.2420, 14.1769 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 37.4592, -14.2420, 14.1769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

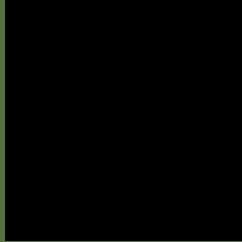
Any Text WCAG AA × Fail

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 37.4592, -14.2420, 14.1769 Background



This preview shows how black text looks on a background with the HunterLab color 37.4592, -14.2420, 14.1769.



This preview shows how white text looks on a background with the HunterLab color 37.4592, -14.2420, 14.1769.

-14.2420, 14.1769.

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

37.4592, -14.2420, 14.1769

Protanopia

37.2286, -3.5675, 14.9130

Deuteranopia

37.3219, 2.3714, 13.5690



Tritanopia

37.3170, -3.7686, -2.8416

Trichromacy



Original Color

37.4592, -14.2420, 14.1769

Protanomaly

37.2180, -7.8186, 14.5857

Deuteranomaly

37.0437, -4.0569, 13.4810

Tritanomaly

37.1902, -8.0556, 4.3536

Monochromacy



Original Color

37.4592, -14.2420, 14.1769

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.1083, -6.6805, 6.9730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4592, -14.2420, 14.1769 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(87, 112, 68)` looks like.

```
.text, #text, p{  
    color:rgb(87, 112, 68)  
}
```

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(87, 112, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 112, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4592, -14.2420, 14.1769 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(87, 112, 68) }
```


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

```
.border{ border-color:rgb(87, 112, 68) }
```

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

Here you see how a box with a 4 pixel rgb(87, 112, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 112, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 112, 68);  
box-shadow:4px 4px 4px 4px rgb(87, 112,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4592, -14.2420, 14.1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 112, 68) }
```

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

```
.background{ background-color: rgb(87, 112,  
68) }
```

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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