

Converting Colors

HunterLab(37.5492, -14.8154,
19.5875)

Have a look what the booklet for
HunterLab(37.5492, -14.8154,
19.5875) contains.

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Color

**HunterLab(37.5175,
-14.7063, 19.5454)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7029
RGB	93, 112, 41
RGB Percent	36%, 44%, 16%
CMY	0.6353, 0.5608, 0.8392
CMYK	0.17, 0.00, 0.63, 0.56
HSL	76°, 46%, 30%
HSV	76°, 63%, 44%
XYZ	10.7086, 14.0756, 4.2503
YIQ	98.2250, 11.4670, -26.1090

Conversions

Conversions Part 2

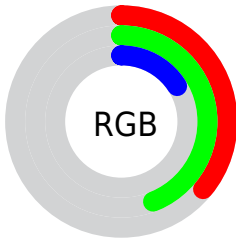
Format	Color
R_YB	41, 112, 60
Decimal	6123561
CIE Lab	44.34, -18.60, 36.19
CIE LCh	44, 40.692, 117.201
Yxy	14.0763, 0.3688, 0.4848
Android (android.graphics.Color)	4284313641 (0xFF5D7029)
YUV	98.2250, -28.2119, -4.5823
Hunter-Lab	37.5175, -14.7063, 19.5454

Details

The HunterLab color $[37.5175, -14.7063, 19.5454]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[19.2789, 17.9410, -34.9523]$, and the grayscale version is $[35.1326, -1.8746, 1.9088]$.

A 20% lighter version of the original color is $[57.7138, -18.1171, 25.3088]$, and $[20.4994, -10.8650, 12.4414]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.2230, -16.0207, 20.7207]$, and if you desaturate by 10%, it is $[37.8489, -13.2146, 17.9642]$.

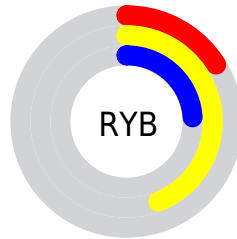
Distribution



Red (36%)

Green (44%)

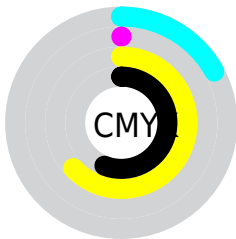
Blue (16%)



Red (16%)

Yellow (44%)

Blue (24%)

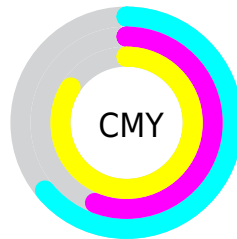


Cyan (17%)

Magenta (0%)

Yellow (63%)

Black (56%)



Cyan (64%)

Magenta (56%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5175, -14.7063, 19.5454 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 37.5175, -14.7063, 19.5454 by changing the saturation by 10% instead.

37.5175, -14.7063,
19.5454

37.5175, -14.7063,
19.5454

147.5482,
-28.8245, 42.6183

28.5897, -12.9623,
16.3550

57.6405, -18.0057,
25.3473

20.5093, -11.1101,
13.1888

68.7303, -19.5958,
28.0400

13.3777, -9.0866,
9.3644

80.4522, -21.1614,
30.6312

6.9332, -12.0611,
4.8533

92.7737, -22.7099,
33.1407

0.0000, NaN, NaN

0.0000, NaN, NaN

105.6670,
-24.2467, 35.5835

0.0000, NaN, NaN

119.1078,

0.0000, NaN, NaN

-25.7761, 37.9714

0.0000, NaN, NaN

133.0745,
-27.3011, 40.3138

■ 37.5175, -14.7063,
19.5454

■ 37.5175, -14.7063,
19.5454

■ 37.2230, -16.0207,
20.7207

■ 37.8489, -13.2146,
17.9642

■ 36.9609, -17.1622,
21.5148

■ 38.2162, -11.5384,
15.9589

■ 36.7292, -18.1469,
21.9716

■ 38.6212, -9.6773,
13.5188

■ 36.5841, -18.7611,
22.2145

■ 39.0646, -7.6321,
10.6384

■ 39.5469, -5.4056,
7.3174

■ 40.0683, -3.0022,
3.5596

■ 40.6288, -0.4277,
-0.6274

■ 41.2282, 2.3110,
-5.2330

■ 41.8661, 5.2065,
-10.2442

Harmonies

Analogous

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



37.5183, -0.5341, 20.7831



37.5175, -14.7063, 19.5454



37.5183, -23.9591, 14.4057

Triad

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



37.5183, -14.7073, 19.5457



37.5183, -16.8545, -30.5620



37.5183, 32.7421, 0.6280

Complementary

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



37.5175, -14.7063, 19.5454



19.2789, 17.9410, -34.9523

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.



37.5183, 26.5565, -16.8446



37.5175, -14.7063, 19.5454



37.5183, -3.4515, -38.8773

Square

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



37.5183, -14.7073, 19.5457



37.5183, -25.0497, -13.4103



37.5183, 12.6529, -33.0474



37.5183, 28.4367, 12.8493

Rectangle

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



37.5175, -14.7063, 19.5454



37.5183, -26.9188, 7.8082



37.5183, 12.6529, -33.0474



37.5183, 31.8004, -4.8147

Sweetspot

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



37.5183, -14.7073, 19.5457



52.0186, -8.9947, 12.4553



26.1343, 13.6542, 11.5832



25.4274, -4.7292, 6.5774



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.



37.5183, -14.7073, 19.5457



49.1699, -21.9571, 28.0074



35.5468, -22.4628, 18.0112



19.6813, -2.1635, 2.8312



39.3199, -20.2284, 23.8746



87.5085, -46.1347, 53.1147

Inverse Universe

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



19.2789, 17.9410, -34.9523



20.8699, 30.8685, -63.1054



22.8304, 26.3680, -25.2824



18.2748, 0.1902, -0.9159



12.8870, 32.5635, -73.0220



28.1111, 72.1061, -167.6083

Previews

White Background



This preview shows how the HunterLab color 37.5175, -14.7063, 19.5454 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 37.5175, -14.7063, 19.5454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

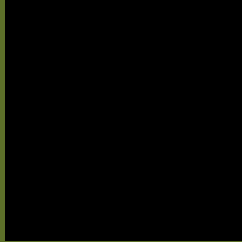
Any Text WCAG AA × Fail

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 37.5175, -14.7063, 19.5454 Background



This preview shows how black text looks on a background with the HunterLab color 37.5175, -14.7063, 19.5454.



This preview shows how white text looks on a background with the HunterLab color 37.5175, -14.7063, 19.5454.

-14.7063, 19.5454.

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

37.5175, -14.7063, 19.5454

Protanopia

37.4587, -4.7772, 19.9601

Deuteranopia

37.4828, 2.2030, 19.2083



Tritanopia

37.4995, -1.8438, -1.6263

Trichromacy



Original Color

37.5175, -14.7063, 19.5454

Protanomaly

37.5053, -8.8559, 19.7820

Deuteranomaly

37.2349, -4.0819, 19.0782

Tritanomaly

37.4298, -7.7035, 8.6463

Monochromacy



Original Color

37.5175, -14.7063, 19.5454

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.6695, -7.3061, 10.1808

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5175, -14.7063, 19.5454 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(93, 112, 41)` looks like.

```
.text, #text, p{  
    color:rgb(93, 112, 41)  
}
```

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(93, 112, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 112, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5175, -14.7063, 19.5454 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(93, 112, 41) }
```


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

```
.border{ border-color:rgb(93, 112, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 112, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 112, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 112, 41);  
box-shadow:4px 4px 4px 4px rgb(93, 112,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5175, -14.7063, 19.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 112, 41) }
```

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

```
.background{ background-color: rgb(93, 112,  
41) }
```

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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