

Converting Colors

HunterLab(37.4670, -14.8347,
18.8352)

Have a look what the booklet for
HunterLab(37.4670, -14.8347,
18.8352) contains.

HunterLab(37.4875, -14.7424, 18.9150)	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(37.4875,
-14.7424, 18.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	5C702D
RGB	92, 112, 45
RGB Percent	36%, 44%, 18%
CMY	0.6392, 0.5608, 0.8235
CMYK	0.18, 0.00, 0.60, 0.56
HSL	78°, 43%, 31%
HSV	78°, 60%, 44%
XYZ	10.6815, 14.0531, 4.6322
YIQ	98.3820, 9.5870, -25.0770

Conversions

Conversions Part 2

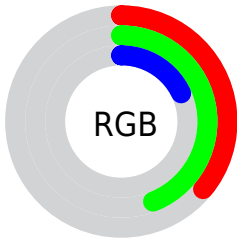
Format	Color
R_{YB}	45, 112, 65
Decimal	6058029
CIE Lab	44.31, -18.67, 34.16
CIE LCh	44, 38.930, 118.653
Yxy	14.0538, 0.3637, 0.4785
Android (android.graphics.Color)	4284248109 (0xFF5C702D)
YUV	98.3820, -26.3173, -5.5970
Hunter-Lab	37.4875, -14.7424, 18.9150

Details

The HunterLab color $37.4875, -14.7424, 18.9150$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $20.4226, 17.0830, -31.6221$, and the grayscale version is $35.1850, -1.8774, 1.9117$.

A 20% lighter version of the original color is $57.6806, -18.1510, 24.5799$, and $20.4994, -10.8650, 12.4414$ is the 20% darker color. If you saturate the color by 10%, you get $37.1621, -16.1974, 20.2249$, and if you desaturate by 10%, it is $37.8521, -13.1028, 17.1938$.

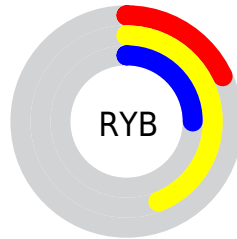
Distribution



 Red (36%)

 Green (44%)

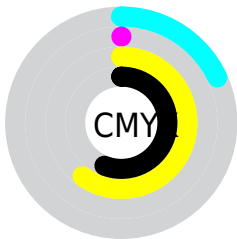
 Blue (18%)



 Red (18%)

 Yellow (44%)

 Blue (25%)

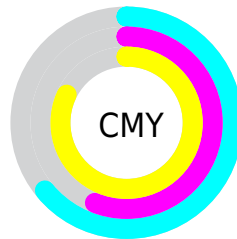


 Cyan (18%)

 Magenta (0%)

 Yellow (60%)

 Black (56%)



 Cyan (64%)

 Magenta (56%)

 Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4875, -14.7424, 18.9150 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 37.4875, -14.7424, 18.9150 by changing the saturation by 10% instead.

37.4875, -14.7424,
18.9150

37.4875, -14.7424,
18.9150

147.5008,
-28.8914, 40.9399

28.5623, -12.9933,
15.8869

57.6059, -18.0504,
24.4286

20.4848, -11.1353,
12.7708

68.6936, -19.6442,
26.9924

13.3564, -9.1049,
9.3495

80.4135, -21.2133,
29.4633

6.9075, -12.0881,
4.8352

92.7331, -22.7652,
31.8597

0.0000, NaN, NaN

0.0000, NaN, NaN

105.6246,
-24.3051, 34.1956

0.0000, NaN, NaN

119.0637,

0.0000, NaN, NaN

-25.8374, 36.4821

0.0000, NaN, NaN

133.0288,
-27.3653, 38.7279

■ 37.4875, -14.7424,
18.9150

■ 37.4875, -14.7424,
18.9150

■ 37.1621, -16.1974,
20.2249

■ 37.8521, -13.1028,
17.1938

■ 36.8717, -17.4702,
21.1442

■ 38.2546, -11.2731,
15.0463

■ 36.6149, -18.5714,
21.7042

■ 38.6967, -9.2547,
12.4647

■ 36.3808, -19.5630,
22.0658

■ 39.1789, -7.0500,
9.4467

■ 36.3767, -19.5805,
22.0723

■ 39.7014, -4.6633,
5.9943

■ 40.2644, -2.1003,
2.1137

■ 40.8676, 0.6319,
-2.1853

■ 41.5108, 3.5254,
-6.8905

■ 42.1932, 6.5717,
-11.9871

Harmonies

Analogous

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



37.4883, -1.3282, 20.3130



37.4875, -14.7424, 18.9150



37.4883, -23.4176, 13.6059

Triad

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



37.4883, -14.7434, 18.9153



37.4883, -15.7392, -29.3871



37.4883, 31.0542, 1.3960

Complementary

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



37.4875, -14.7424, 18.9150



20.4226, 17.0830, -31.6221

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.



37.4883, 25.6551, -15.0328



37.4875, -14.7424, 18.9150



37.4883, -2.6716, -36.5736

Square

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



37.4883, -14.7434, 18.9153



37.4883, -23.9264, -13.4730



37.4883, 12.7066, -30.5075



37.4883, 26.5123, 12.8746

Rectangle

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



37.4875, -14.7424, 18.9150



37.4883, -26.1058, 7.0044



37.4883, 12.7066, -30.5075



37.4883, 30.3282, -3.7111

Sweetspot

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



37.4883, -14.7434, 18.9153



52.0177, -8.9313, 11.9368



27.0177, 12.1055, 11.4116



25.4200, -4.7268, 6.3432



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.



37.4883, -14.7434, 18.9153



49.0922, -22.1822, 27.3617



35.6710, -21.8776, 17.4705



19.6690, -2.2071, 2.8170



39.0959, -21.1137, 23.7211



86.9929, -48.1796, 52.7611

Inverse Universe

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



20.4226, 17.0830, -31.6221



22.3511, 29.4756, -57.1472



23.6960, 25.1603, -23.3156



18.2874, 0.2332, -0.8990



13.1285, 32.7841, -71.3696



28.6125, 72.5449, -164.0283

Previews

White Background



This preview shows how the HunterLab color 37.4875, -14.7424, 18.9150 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 37.4875, -14.7424, 18.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

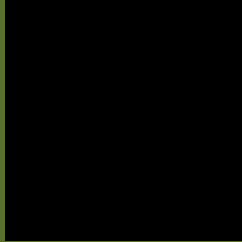
Any Text WCAG AA × Fail

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 37.4875, -14.7424, 18.9150 Background



This preview shows how black text looks on a background with the HunterLab color 37.4875, -14.7424, 18.9150.



This preview shows how white text looks on a background with the HunterLab color 37.4875,

-14.7424, 18.9150.

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

37.4875, -14.7424, 18.9150

Protanopia

37.4040, -4.8971, 19.3396

Deuteranopia

37.4209, 2.0805, 18.4911



Tritanopia

37.4229, -2.1101, -1.7287

Trichromacy



Original Color

37.4875, -14.7424, 18.9150

Protanomaly

37.4603, -8.9441, 19.1548

Deuteranomaly

37.1847, -4.1746, 18.3813

Tritanomaly

37.3779, -7.8480, 8.2498

Monochromacy



Original Color

37.4875, -14.7424, 18.9150

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.7097, -7.0799, 9.5985

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4875, -14.7424, 18.9150 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(92, 112, 45)` looks like.

```
.text, #text, p{  
    color:rgb(92, 112, 45)  
}
```

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(92, 112, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 112, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4875, -14.7424, 18.9150 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(92, 112, 45) }
```


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

```
.border{ border-color:rgb(92, 112, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 112, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 112, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 112, 45);  
box-shadow:4px 4px 4px 4px rgb(92, 112,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4875, -14.7424, 18.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 112, 45) }
```

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

```
.background{ background-color: rgb(92, 112,  
45) }
```

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