

Converting Colors

HunterLab(42.2944, -17.0612,
14.0692)

Have a look what the booklet for
HunterLab(42.2944, -17.0612,
14.0692) contains.

HunterLab(42.2340, -16.9593, 13.9527)	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(42.2340,
-16.9593, 13.9527)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7E54
RGB	92, 126, 84
RGB Percent	36%, 49%, 33%
CMY	0.6392, 0.5059, 0.6706
CMYK	0.27, 0.00, 0.33, 0.51
HSL	109°, 20%, 41%
HSV	109°, 33%, 49%
XYZ	13.4747, 17.8371, 11.1202
YIQ	111.0460, -6.7820, -20.2700

Conversions

Conversions Part 2

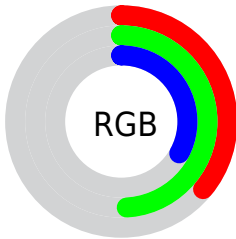
Format	Color
R_{YB}	84, 126, 118
Decimal	6061652
CIE _{Lab}	49.30, -20.74, 19.10
CIE _{LCh}	49, 28.196, 137.368
Yxy	17.8379, 0.3176, 0.4204
Android (android.graphics.Color)	4284251732 (0xFF5C7E54)
YUV	111.0460, -13.3337, -16.7033
Hunter-Lab	42.2340, -16.9593, 13.9527

Details

The HunterLab color $42.2340, -16.9593, 13.9527$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $34.2040, 15.3353, -12.8723$, and the grayscale version is $39.9395, -2.1311, 2.1700$.

A 20% lighter version of the original color is $63.0881, -20.5690, 17.3181$, and $24.4605, -13.3063, 10.3947$ is the 20% darker color. If you saturate the color by 10%, you get $41.4336, -20.4938, 16.5452$, and if you desaturate by 10%, it is $43.1447, -13.0198, 10.9497$.

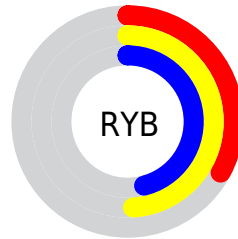
Distribution



Red (36%)

Green (49%)

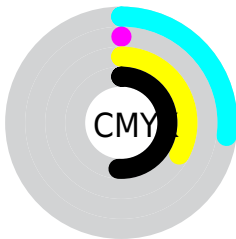
Blue (33%)



Red (33%)

Yellow (49%)

Blue (46%)

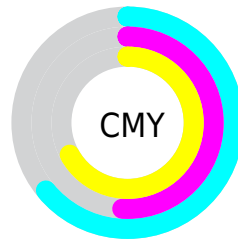


Cyan (27%)

Magenta (0%)

Yellow (33%)

Black (51%)



Cyan (64%)

Magenta (51%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2340, -16.9593, 13.9527 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 42.2340, -16.9593, 13.9527 by changing the saturation by 10% instead.

■ 42.2340, -16.9593,
13.9527

■ 42.2340, -16.9593,
13.9527

154.9050,
-31.9574, 28.3389

■ 32.9145, -15.1058,
12.1730

■ 63.0562, -20.4733,
17.3199

■ 24.4030, -13.1469,
10.2891

■ 74.4637, -22.1667,
18.9420

■ 16.7863, -11.0292,
8.2487

■ 86.4865, -23.8328,
20.5382

■ 10.1851, -9.5509,
7.1296

■ 99.0947, -25.4789,
22.1161

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.2622,
-27.1105, 23.6812

0.0000, NaN, NaN

125.9663,

0.0000, NaN, NaN

-28.7320, 25.2379

0.0000, NaN, NaN

140.1866,
-30.3467, 26.7896

■ 42.2340, -16.9593,
13.9527

■ 42.2340, -16.9593,
13.9527

■ 41.4336, -20.4938,
16.5452

■ 43.1447, -13.0198,
10.9497

■ 40.7412, -23.5928,
18.7094

■ 44.1611, -8.7063,
7.5583

■ 40.1573, -26.2366,
20.4385

■ 45.2817, -4.0559,
3.8070

■ 39.6794, -28.4148,
21.7364

■ 46.5032, 0.8936,
-0.2733

■ 39.3039, -30.1291,
22.6212

■ 47.8216, 6.1049,
-4.6507

■ 39.0243, -31.3973,
23.1305

■ 49.2329, 11.5425,
-9.2934

■ 38.8800, -32.0563,
23.3965

■ 50.7328, 17.1734,
-14.1708

■ 52.3167, 22.9675,
-19.2544

■ 53.9802, 28.8982,
-24.5180

Harmonies

Analogous

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



42.2349, -8.4936, 17.5494



42.2340, -16.9593, 13.9527



42.2349, -21.2820, 6.5381

Triad

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



42.2349, -16.9602, 13.9531



42.2349, -6.8629, -22.9734



42.2349, 20.3247, 7.9681

Complementary

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



42.2340, -16.9593, 13.9527



34.2040, 15.3353, -12.8723

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.



42.2349, 20.8786, -2.4309



42.2340, -16.9593, 13.9527



42.2349, 4.3665, -22.2980

Square

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



42.2349, -16.9602, 13.9531



42.2349, -15.8738, -15.7199



42.2349, 14.7839, -14.0621



42.2349, 13.3414, 14.7639

Rectangle

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



42.2340, -16.9593, 13.9527



42.2349, -21.5611, -0.4133



42.2349, 14.7839, -14.0621



42.2349, 21.2931, 4.8424

Sweetspot

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



42.2349, -16.9602, 13.9531



59.0349, -9.6834, 8.5340



42.3549, -4.0080, 14.2872



28.0761, -4.9499, 4.3360



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



42.2349, -16.9602, 13.9531



55.2118, -26.1157, 21.1765



42.0273, -17.2438, 9.7776



22.0343, -3.3482, 2.9706



39.3775, -32.4762, 23.6957

0.0000, NaN, NaN

Inverse Universe

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



34.2040, 15.3353, -12.8723



42.3427, 25.8457, -22.1066



34.6093, 15.6543, -5.3675



20.9101, 1.1424, -0.7431



21.0758, 43.4252, -43.2197

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.2340, -16.9593, 13.9527 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 42.2340, -16.9593, 13.9527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

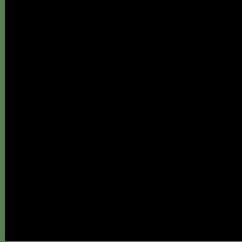
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.2340, -16.9593, 13.9527 Background



This preview shows how black text looks on a background with the HunterLab color 42.2340, -16.9593, 13.9527.



This preview shows how white text looks on a background with the HunterLab color 42.2340,

-16.9593, 13.9527.

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

42.2340, -16.9593, 13.9527

Protanopia

42.1158, -4.1372, 15.1948

Deuteranopia

42.0473, 2.8130, 13.2441



Tritanopia

42.1355, -5.9503, -3.8578

Trichromacy



Original Color

42.2340, -16.9593, 13.9527

Protanomaly

41.9576, -9.0112, 14.6960

Deuteranomaly

41.7845, -5.0875, 13.1658

Tritanomaly

42.0151, -10.3520, 3.6621

Monochromacy



Original Color

42.2340, -16.9593, 13.9527

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.4641, -7.7158, 6.7587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2340, -16.9593, 13.9527 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, 126, 84)` looks like.

```
.text, #text, p{  
    color:rgb(92, 126, 84)  
}
```

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, 126, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 126, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2340, -16.9593, 13.9527 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, 126, 84) }
```


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

```
.border{ border-color:rgb(92, 126, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 126, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 126, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 126, 84);  
box-shadow:4px 4px 4px 4px rgb(92, 126,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2340, -16.9593, 13.9527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 126, 84) }
```

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

```
.background{ background-color: rgb(92, 126,  
84) }
```

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