

Converting Colors

HunterLab(34.8316, -14.3516,
11.7880)

Have a look what the booklet for
HunterLab(34.8316, -14.3516,
11.7880) contains.

HunterLab(34.6646, -14.3365, 11.7553)	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(34.6646,
-14.3365, 11.7553)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6944
RGB	75, 105, 68
RGB Percent	29%, 41%, 27%
CMY	0.7059, 0.5882, 0.7333
CMYK	0.29, 0.00, 0.35, 0.59
HSL	109°, 21%, 34%
HSV	109°, 35%, 41%
XYZ	8.9966, 12.0163, 7.3141
YIQ	91.8120, -6.0030, -17.8670

Conversions

Conversions Part 2

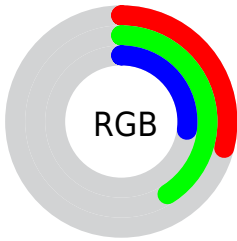
Format	Color
RYB	68, 105, 98
Decimal	4942148
CIELab	41.24, -18.87, 17.39
CIELCh	41, 25.660, 137.327
Yxy	12.0169, 0.3176, 0.4242
Android (android.graphics.Color)	4283132228 (0xFF4B6944)
YUV	91.8120, -11.7393, -14.7441
Hunter-Lab	34.6646, -14.3365, 11.7553

Details

The HunterLab color $[34.6646, -14.3365, 11.7553]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[27.8410, 13.1771, -11.0763]$, and the grayscale version is $[32.6890, -1.7442, 1.7761]$.

A 20% lighter version of the original color is $[54.2198, -17.5246, 15.0351]$, and $[18.3119, -10.7508, 8.2976]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.0283, -17.1515, 13.8085]$, and if you desaturate by 10%, it is $[35.3884, -11.1977, 9.3757]$.

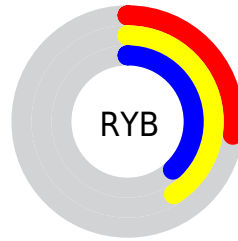
Distribution



 Red (29%)

 Green (41%)

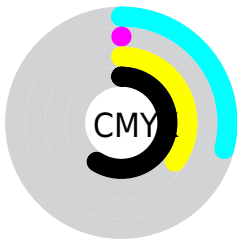
 Blue (27%)




 Red (27%)

 Yellow (41%)

 Blue (38%)

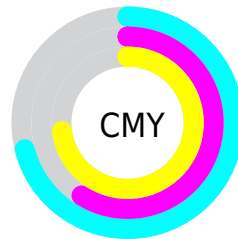



 Cyan (29%)


 Magenta (0%)

 Yellow (35%)

 Black (59%)



 Cyan (71%)

 Magenta (59%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.6646, -14.3365, 11.7553 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 34.6646, -14.3365, 11.7553 by changing the saturation by 10% instead.

■ 34.6646, -14.3365,
11.7553

■ 34.6646, -14.3365,
11.7553

143.0094,
-28.6386, 25.4892

■ 25.9907, -12.5438,
10.0313

■ 54.3377, -17.7025,
14.9845

■ 18.1919, -10.6247,
8.1819

■ 65.2241, -19.3172,
16.5326

■ 11.3813, -8.5866,
7.2415

■ 76.7538, -20.9036,
18.0540

■ 3.7094, -6.4915,
2.5966

■ 88.8926, -22.4702,
19.5571

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.6115,
-24.0228, 21.0480

0.0000, NaN, NaN

114.8850,

0.0000, NaN, NaN

-25.5662, 22.5315

0.0000, NaN, NaN

128.6909,
-27.1038, 24.0109

■ 34.6646, -14.3365,
11.7553

■ 34.6646, -14.3365,
11.7553

■ 34.0283, -17.1515,
13.8085

■ 35.3884, -11.1977,
9.3757

■ 33.4777, -19.6193,
15.5223

■ 36.1963, -7.7586,
6.6863

■ 33.0129, -21.7254,
16.8920

■ 37.0870, -4.0479,
3.7089

■ 32.6320, -23.4623,
17.9213

■ 38.0582, -0.0949,
0.4671

■ 32.3320, -24.8319,
18.6246

■ 39.1069, 4.0713,
-3.0143

■ 32.1057, -25.8626,
19.0655

■ 40.2299, 8.4227,
-6.7105

■ 32.0170, -26.2724,
19.2688

■ 41.4239, 12.9331,
-10.5976

■ 42.6854, 17.5785,
-14.6528

■ 44.0110, 22.3376,
-18.8556

Harmonies

Analogous

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



34.6653, -7.1489, 14.7563



34.6646, -14.3365, 11.7553



34.6653, -17.9987, 5.5020

Triad

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



34.6653, -14.3372, 11.7556



34.6653, -5.7859, -19.8279



34.6653, 17.4615, 6.6934

Complementary

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



34.6646, -14.3365, 11.7553



27.8410, 13.1771, -11.0763

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.



34.6653, 17.9285, -2.1650



34.6646, -14.3365, 11.7553



34.6653, 3.7844, -19.2538

Square

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



34.6653, -14.3372, 11.7556



34.6653, -13.4326, -13.5562



34.6653, 12.6973, -12.1517



34.6653, 11.4830, 12.4236

Rectangle

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



34.6646, -14.3365, 11.7553



34.6653, -18.2381, -0.4138



34.6653, 12.6973, -12.1517



34.6653, 18.2895, 4.0401

Sweetspot

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



34.6653, -14.3372, 11.7556



48.8890, -8.4757, 7.4288



34.7590, -3.3124, 12.0315



23.6093, -4.3224, 3.7715



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



34.6653, -14.3372, 11.7556



45.6973, -22.2230, 17.9562



34.4944, -14.5645, 8.2525



18.6274, -2.7717, 2.4618



36.0074, -29.6436, 21.6686



81.0998, -67.6799, 48.7885

Inverse Universe

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



27.8410, 13.1771, -11.0763



34.6954, 22.3270, -19.1251



28.1854, 13.4308, -4.6248



17.7099, 0.9004, -0.5709



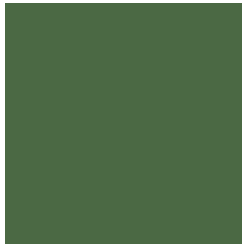
19.3141, 39.7622, -39.3502



43.1898, 89.1993, -90.1946

Previews

White Background



This preview shows how the HunterLab color 34.6646, -14.3365, 11.7553 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 34.6646, -14.3365, 11.7553 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 34.6646, -14.3365, 11.7553 Background



This preview shows how black text looks on a background with the HunterLab color 34.6646, -14.3365, 11.7553.



This preview shows how white text looks on a background with the HunterLab color 34.6646,

-14.3365, 11.7553.

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

34.6646, -14.3365, 11.7553

Protanopia

34.5461, -3.3367, 12.6456

Deuteranopia

34.5376, 2.2086, 11.0871



Tritanopia

34.6279, -5.2175, -3.0455

Trichromacy



Original Color

34.6646, -14.3365, 11.7553

Protanomaly

34.4781, -7.7537, 12.2460

Deuteranomaly

34.2066, -4.3613, 10.9583

Tritanomaly

34.5765, -9.1339, 3.3881

Monochromacy



Original Color

34.6646, -14.3365, 11.7553

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.3951, -6.7343, 5.9308

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.6646, -14.3365, 11.7553 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(75, 105, 68)` looks like.

```
.text, #text, p{  
    color:rgb(75, 105, 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(75, 105, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 105, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 34.6646, -14.3365, 11.7553 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(75, 105, 68) }
```


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

```
.border{ border-color:rgb(75, 105, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 105, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 105, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 105, 68);  
box-shadow:4px 4px 4px 4px rgb(75, 105,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.6646, -14.3365, 11.7553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 105, 68) }
```

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

```
.background{ background-color: rgb(75, 105,  
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](#).

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