

Converting Colors

HunterLab(30.0601, -14.0688,
11.6589)

Have a look what the booklet for
HunterLab(30.0601, -14.0688,
11.6589) contains.

HunterLab(30.1826, -14.1208, 11.7348)	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(30.1826,
-14.1208, 11.7348)**

Conversions

Conversions Part 1

Format	Color
Hex	3E5D35
RGB	62, 93, 53
RGB Percent	24%, 36%, 21%
CMY	0.7569, 0.6353, 0.7922
CMYK	0.33, 0.00, 0.43, 0.64
HSL	107°, 27%, 29%
HSV	107°, 43%, 36%
XYZ	6.5436, 9.1099, 4.7817
YIQ	79.1710, -5.6360, -19.0120

Conversions

Conversions Part 2

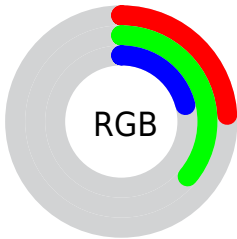
Format	Color
RYB	53, 93, 84
Decimal	4087093
CIELab	36.20, -20.05, 19.43
CIElCh	36, 27.923, 135.906
Yxy	9.1103, 0.3202, 0.4458
Android (android.graphics.Color)	4282277173 (0xFF3E5D35)
YUV	79.1710, -12.9023, -15.0590
Hunter-Lab	30.1826, -14.1208, 11.7348

Details

The HunterLab color $[30.1826, -14.1208, 11.7348]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[22.8509, 13.9531, -12.5464]$, and the grayscale version is $[28.0708, -1.4978, 1.5251]$.

A 20% lighter version of the original color is $[49.2404, -17.9139, 15.5108]$, and $[14.7374, -10.0814, 7.8649]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.6902, -16.3195, 13.3094]$, and if you desaturate by 10%, it is $[30.7458, -11.6479, 9.8691]$.

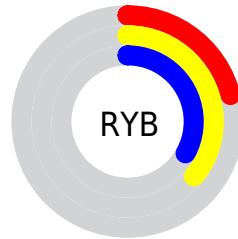
Distribution



Red (24%)

Green (36%)

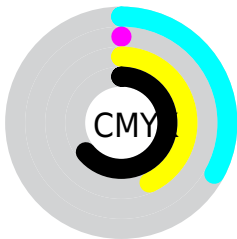
Blue (21%)



Red (21%)

Yellow (36%)

Blue (33%)

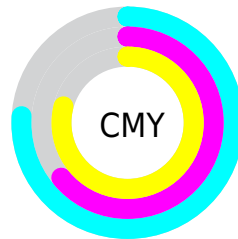


Cyan (33%)

Magenta (0%)

Yellow (43%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1826, -14.1208, 11.7348 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 30.1826, -14.1208, 11.7348 by changing the saturation by 10% instead.

■ 30.1826, -14.1208,
11.7348

■ 30.1826, -14.1208,
11.7348

■ 135.7197,
-29.1193, 26.6116

■ 21.9390, -12.1763,
9.7810

■ 49.0999, -17.7118,
15.3195

■ 14.6221, -10.0564,
7.8276

■ 59.6468, -19.4155,
17.0124

■ 8.2820, -10.9936,
5.7974

■ 70.8565, -21.0809,
18.6638

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.6918, -22.7185,
20.2853

0.0000, NaN, NaN

■ 95.1213, -24.3360,
21.8852

0.0000, NaN, NaN

■ 108.1178,

0.0000, NaN, NaN

-25.9392, 23.4698

0.0000, NaN, NaN

121.6576,
-27.5325, 25.0440

■ 30.1826, -14.1208,
11.7348

■ 30.1826, -14.1208,
11.7348

■ 29.6902, -16.3195,
13.3094

■ 30.7458, -11.6479,
9.8691

■ 29.2664, -18.2289,
14.5870

■ 31.3774, -8.9165,
7.7220

■ 28.9109, -19.8414,
15.5696

■ 32.0768, -5.9476,
5.3082

■ 28.6217, -21.1555,
16.2669

■ 32.8426, -2.7630,
2.6453

■ 28.3944, -22.1860,
16.7183

■ 33.6726, 0.6146,
-0.2476

■ 28.2625, -22.7929,
17.0162

■ 34.5648, 4.1629,
-3.3504

■ 35.5166, 7.8604,
-6.6429

■ 36.5253, 11.6868,
-10.1055

■ 37.5884, 15.6239,
-13.7198

Harmonies

Analogous

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



30.1832, -6.6617, 14.3989



30.1826, -14.1208, 11.7348



30.1832, -17.9681, 5.7345

Triad

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



30.1832, -14.1214, 11.7351



30.1832, -6.1163, -21.7737



30.1832, 19.0003, 6.2030

Complementary

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



30.1826, -14.1208, 11.7348



22.8509, 13.9531, -12.5464

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.



30.1832, 19.1960, -3.1160



30.1826, -14.1208, 11.7348



30.1832, 3.7929, -21.5230

Square

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



30.1832, -14.1214, 11.7351



30.1832, -13.7667, -14.5018



30.1832, 13.3384, -13.8990



30.1832, 12.8341, 11.9821

Rectangle

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



30.1826, -14.1208, 11.7348



30.1832, -18.3326, -0.2835



30.1832, 13.3384, -13.8990



30.1832, 19.7911, 3.4502

Sweetspot

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



30.1832, -14.1214, 11.7351



41.9236, -7.9340, 7.0707



29.7887, -2.3845, 11.6098



20.9166, -4.2903, 3.8015



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



30.1832, -14.1214, 11.7351



38.8047, -21.4984, 17.5145



29.9206, -14.7836, 8.6643



16.1492, -2.3116, 2.1041



33.5842, -27.2489, 20.2174



78.3720, -64.6905, 47.1600

Inverse Universe

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



22.8509, 13.9531, -12.5464



27.1751, 23.3440, -21.5107



23.4263, 14.8055, -5.6788



15.3582, 0.6826, -0.4629



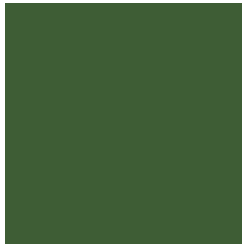
17.4603, 36.3052, -38.3599



40.3591, 84.2875, -91.5266

Previews

White Background



This preview shows how the HunterLab color 30.1826, -14.1208, 11.7348 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.1826, -14.1208, 11.7348 Background



This preview shows how black text looks on a background with the HunterLab color 30.1826, -14.1208, 11.7348.



This preview shows how white text looks on a background with the HunterLab color 30.1826,

-14.1208, 11.7348.

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

30.1826, -14.1208, 11.7348

Protanopia

30.0906, -3.1943, 12.5399

Deuteranopia

29.9919, 1.8863, 11.1177



Tritanopia

30.1179, -5.2362, -2.8461

Trichromacy



Original Color

30.1826, -14.1208, 11.7348

Protanomaly

30.0205, -7.5433, 12.1808

Deuteranomaly

29.6632, -4.5611, 10.9741

Tritanomaly

30.0828, -9.0275, 3.4209

Monochromacy



Original Color

30.1826, -14.1208, 11.7348

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.6344, -6.3277, 5.5359

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1826, -14.1208, 11.7348 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(62, 93, 53)` looks like.

```
.text, #text, p{  
    color:rgb(62, 93, 53)  
}
```

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(62, 93, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 93, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1826, -14.1208, 11.7348 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(62, 93, 53) }
```


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

```
.border{ border-color:rgb(62, 93, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 93, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 93, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 93, 53);  
box-shadow:4px 4px 4px 4px rgb(62, 93, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.1826, -14.1208, 11.7348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 93, 53) }
```

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

```
.background{ background-color: rgb(62, 93,  
53) }
```

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