

Converting Colors

HunterLab(29.7312, -14.3640,
13.4829)

Have a look what the booklet for
HunterLab(29.7312, -14.3640,
13.4829) contains.

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Color

**HunterLab(29.8085,
-14.3607, 13.5705)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5C2B
RGB	63, 92, 43
RGB Percent	25%, 36%, 17%
CMY	0.7529, 0.6392, 0.8314
CMYK	0.32, 0.00, 0.53, 0.64
HSL	96°, 36%, 26%
HSV	96°, 53%, 36%
XYZ	6.3131, 8.8855, 3.6678
YIQ	77.7430, -1.5550, -21.3870

Conversions

Conversions Part 2

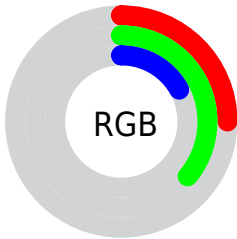
Format	Color
R_{YB}	43, 92, 72
Decimal	4152363
CIE _{Lab}	35.76, -20.63, 24.65
CIE _{LCh}	36, 32.145, 129.917
Yxy	8.8859, 0.3346, 0.4710
Android (android.graphics.Color)	4282342443 (0xFF3F5C2B)
YUV	77.7430, -17.1283, -12.9296
Hunter-Lab	29.8085, -14.3607, 13.5705

Details

The HunterLab color $[29.8085, -14.3607, 13.5705]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[19.6938, 15.1014, -18.0847]$, and the grayscale version is $[27.5698, -1.4711, 1.4979]$.

A 20% lighter version of the original color is $[48.5066, -17.9102, 17.7528]$, and $[14.4653, -9.9442, 8.7393]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.4198, -16.0979, 14.8268]$, and if you desaturate by 10%, it is $[30.2480, -12.4116, 12.0065]$.

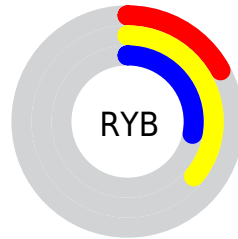
Distribution



Red (25%)

Green (36%)

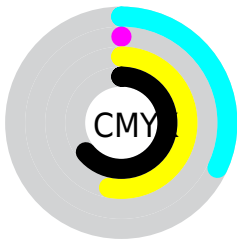
Blue (17%)



Red (17%)

Yellow (36%)

Blue (28%)

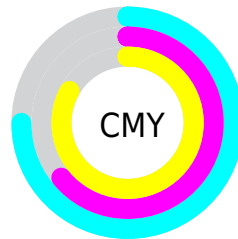


Cyan (32%)

Magenta (0%)

Yellow (53%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8085, -14.3607, 13.5705 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 29.8085, -14.3607, 13.5705 by changing the saturation by 10% instead.

■ 29.8085, -14.3607,
13.5705

■ 29.8085, -14.3607,
13.5705

■ 135.1015,
-29.6526, 31.1736

■ 21.6028, -12.3639,
11.1559

■ 48.6597, -18.0369,
17.9334

■ 14.3287, -10.1803,
9.2998

■ 59.1770, -19.7769,
19.9637

■ 7.9879, -11.6785,
5.5915

■ 70.3588, -21.4757,
21.9267

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.1678, -23.1443,
23.8387

0.0000, NaN, NaN

■ 94.5722, -24.7909,
25.7114

0.0000, NaN, NaN

■ 107.5447,

0.0000, NaN, NaN

-26.4215, 27.5538

0.0000, NaN, NaN

121.0615,
-28.0409, 29.3727

■ 29.8085, -14.3607,
13.5705

■ 29.8085, -14.3607,
13.5705

■ 29.4198, -16.0979,
14.8268

■ 30.2480, -12.4116,
12.0065

■ 29.0794, -17.6169,
15.7807

■ 30.7367, -10.2562,
10.1342

■ 28.7866, -18.9181,
16.4450

■ 31.2749, -7.9049,
7.9585

■ 28.5380, -20.0153,
16.8647

■ 31.8622, -5.3695,
5.4879

■ 28.3870, -20.6883,
17.1297

■ 32.4977, -2.6628,
2.7342

■ 33.1804, 0.2015,
-0.2888

■ 33.9090, 3.2094,
-3.5656

■ 34.6821, 6.3474,
-7.0800

■ 35.4982, 9.6019,
-10.8151

Harmonies

Analogous

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



29.8091, -5.2638, 15.6976



29.8085, -14.3607, 13.5705



29.8091, -19.4689, 7.9161

Triad

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



29.8091, -14.3613, 13.5707



29.8091, -8.7329, -25.2573



29.8091, 23.1399, 4.9859

Complementary

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



29.8085, -14.3607, 13.5705



19.6938, 15.1014, -18.0847

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.



29.8091, 21.8402, -6.4371



29.8085, -14.3607, 13.5705



29.8091, 2.2663, -26.9865

Square

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



29.8091, -14.3613, 13.5707



29.8091, -16.5728, -15.0410



29.8091, 13.7703, -19.1367



29.8091, 17.0935, 12.1190

Rectangle

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



29.8085, -14.3607, 13.5705



29.8091, -20.4526, 1.6529



29.8091, 13.7703, -19.1367



29.8091, 23.5665, 1.5923

Sweetspot

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



29.8091, -14.3613, 13.5707



41.8924, -8.2183, 8.3633



26.5163, 1.6647, 11.2577



20.9251, -4.3363, 4.4043



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.



29.8091, -14.3613, 13.5707



38.7894, -21.8819, 20.0039



28.9382, -17.7126, 11.9931



16.2050, -2.1127, 2.1689



34.1009, -25.0794, 20.5738



79.4890, -59.9827, 47.9306

Inverse Universe

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



19.6938, 15.1014, -18.0847



22.7864, 25.3506, -31.6267



21.6945, 19.9249, -11.4669



15.2969, 0.4746, -0.5443



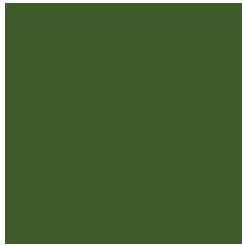
14.9618, 33.0958, -48.2642



34.2494, 76.5308, -116.4541

Previews

White Background



This preview shows how the HunterLab color 29.8085, -14.3607, 13.5705 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

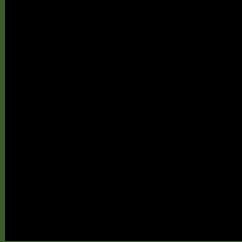
Any Text WCAG AA × Fail

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 29.8085, -14.3607, 13.5705 Background



This preview shows how black text looks on a background with the HunterLab color 29.8085, -14.3607, 13.5705.



This preview shows how white text looks on a background with the HunterLab color 29.8085,

-14.3607, 13.5705.

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

29.8085, -14.3607, 13.5705

Protanopia

29.7002, -3.4889, 14.2325

Deuteranopia

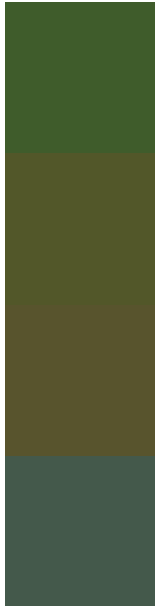
29.6954, 1.8639, 13.1700



Tritanopia

29.9104, -4.7048, -2.1798

Trichromacy



Original Color

29.8085, -14.3607, 13.5705

Protanomaly

29.6147, -7.8974, 13.9103

Deuteranomaly

29.3340, -4.6710, 12.9758

Tritanomaly

29.8022, -8.8721, 4.9656

Monochromacy



Original Color

29.8085, -14.3607, 13.5705

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.2571, -6.5256, 6.8043

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8085, -14.3607, 13.5705 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(63, 92, 43)` looks like.

```
.text, #text, p{  
    color:rgb(63, 92, 43)  
}
```

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(63, 92, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 92, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8085, -14.3607, 13.5705 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(63, 92, 43) }
```


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

```
.border{ border-color:rgb(63, 92, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 92, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 92, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 92, 43);  
box-shadow:4px 4px 4px 4px rgb(63, 92, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8085, -14.3607, 13.5705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 92, 43) }
```

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

```
.background{ background-color: rgb(63, 92,  
43) }
```

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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