

Converting Colors

HunterLab(30.1252, -3.7288,
13.3364)

Have a look what the booklet for
HunterLab(30.1252, -3.7288,
13.3364) contains.

HunterLab(30.0357, -3.4985, 13.3443)	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(30.0357, -3.4985,
13.3443)**

Conversions

Conversions Part 1

Format	Color
Hex	5D552E
RGB	93, 85, 46
RGB Percent	36%, 33%, 18%
CMY	0.6353, 0.6667, 0.8196
CMYK	0.00, 0.09, 0.51, 0.64
HSL	50°, 34%, 27%
HSV	50°, 51%, 36%
XYZ	8.2559, 9.0214, 3.8910
YIQ	82.9460, 17.2870, -10.4330

Conversions

Conversions Part 2

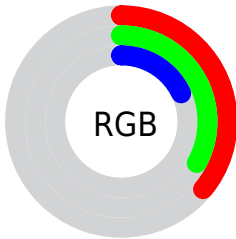
Format	Color
R_{YB}	56, 93, 46
Decimal	6116654
CIE Lab	36.03, -2.82, 23.82
CIE LCh	36, 23.989, 96.740
Yxy	9.0219, 0.3900, 0.4262
Android (android.graphics.Color)	4284306734 (0xFF5D552E)
YUV	82.9460, -18.2144, 8.8174
Hunter-Lab	30.0357, -3.4985, 13.3443

Details

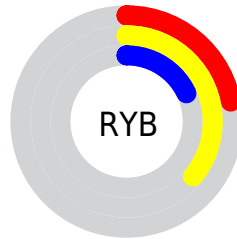
The HunterLab color **30.0357, -3.4985, 13.3443** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **20.0234, 4.3761, -18.2493**, and the grayscale version is **29.4516, -1.5715, 1.6002**.

A 20% lighter version of the original color is **48.7543, -4.7641, 17.3649**, and **14.4859, -2.1167, 8.8891** is the 20% darker color. If you saturate the color by 10%, you get **29.5125, -3.4483, 14.6581**, and if you desaturate by 10%, it is **30.5864, -3.4206, 11.7074**.

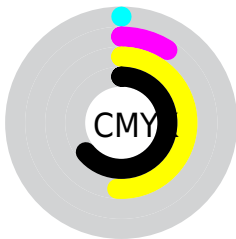
Distribution



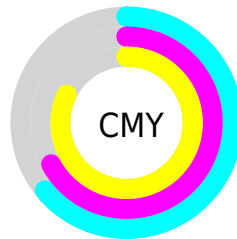
- Red (36%)
- Green (33%)
- Blue (18%)



- Red (22%)
- Yellow (36%)
- Blue (18%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (64%)



- Cyan (64%)
- Magenta (67%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0357, -3.4985, 13.3443 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 30.0357, -3.4985, 13.3443 by changing the saturation by 10% instead.

30.0357, -3.4985,
13.3443

30.0357, -3.4985,
13.3443

135.4772,
-10.3925, 30.4979

21.8070, -2.8631,
11.0076

48.9272, -4.8511,
17.5771

14.5069, -2.2502,
9.0666

59.4625, -5.5667,
19.5515

8.1679, -1.9382,
5.7176

70.6612, -6.3086,
21.4631

0.0000, NaN, NaN

0.0000, NaN, NaN

82.4862, -7.0762,
23.3274

0.0000, NaN, NaN

94.9059, -7.8690,
25.1554

0.0000, NaN, NaN

0.0000, NaN, NaN

107.8930, -8.6863,

26.9558

0.0000, NaN, NaN

121.4238, -9.5277,
28.7349

■ 30.0357, -3.4985,
13.3443

■ 30.0357, -3.4985,
13.3443

■ 29.5125, -3.4483,
14.6581

■ 30.5864, -3.4206,
11.7074

■ 29.0143, -3.2697,
15.6523

■ 31.1628, -3.2104,
9.7461

■ 28.5411, -2.9683,
16.3371

■ 31.7655, -2.8693,
7.4639

■ 28.0915, -2.5527,
16.7317

■ 32.3944, -2.3986,
4.8665

■ 27.6758, -2.1215,
17.0165

■ 33.0491, -1.8009,
1.9619

■ 33.7294, -1.0792,
-1.2406

■ 34.4346, -0.2371,
-4.7302

■ 35.1643, 0.7212,
-8.4955

■ 35.9180, 1.7914,
-12.5242

Harmonies

Analogous

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



30.0364, 5.1307, 12.7035



30.0357, -3.4985, 13.3443



30.0364, -10.7743, 11.6209

Triad

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



30.0364, -3.4996, 13.3446



30.0364, -13.6184, -9.2391



30.0364, 14.9455, -5.1804

Complementary

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



30.0357, -3.4985, 13.3443



20.0234, 4.3761, -18.2493

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.



30.0364, 8.8177, -13.6946



30.0357, -3.4985, 13.3443



30.0364, -7.7936, -16.4569

Square

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



30.0364, -3.4996, 13.3446



30.0364, -16.1810, -0.2487



30.0364, 0.3392, -18.2811



30.0364, 16.4232, 3.4040

Rectangle

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



30.0357, -3.4985, 13.3443



30.0364, -14.0925, 8.9769



30.0364, 0.3392, -18.2811



30.0364, 13.3304, -8.2099

Sweetspot

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



30.0364, -3.4996, 13.3446



41.9679, -3.4615, 8.0879



21.3387, 14.2838, 3.4892



20.9567, -1.7756, 4.2860



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.



30.0364, -3.4996, 13.3446



38.4534, -4.4716, 19.5119



31.0654, -10.9310, 14.0176



16.2070, -1.1491, 2.1879



32.8229, -2.3647, 20.1839



76.0728, -4.3190, 46.8001

Inverse Universe

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



20.0234, 4.3761, -18.2493



22.5771, 8.8350, -32.4723



19.3205, 11.1840, -19.6788



15.2862, -0.4861, -0.5746



12.5396, 21.0815, -61.1824



27.6852, 55.2186, -153.8051

Previews

White Background



This preview shows how the HunterLab color 30.0357, -3.4985, 13.3443 looks on a white background.

Color Contrast Check

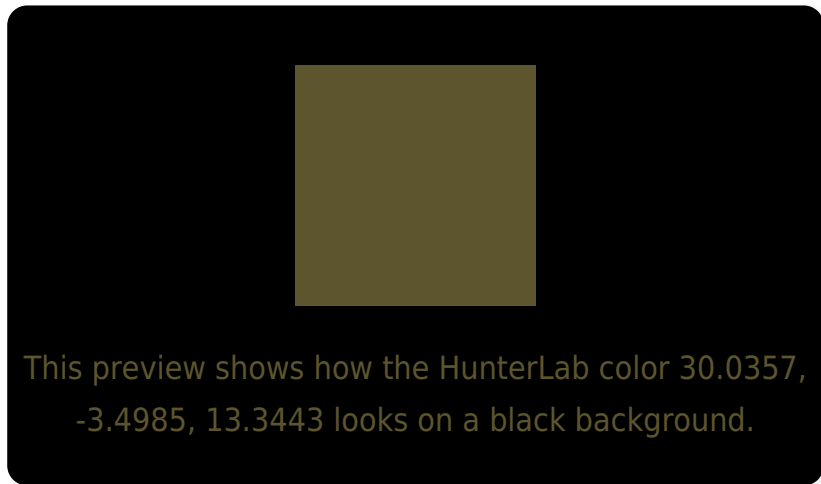
Large Text (above 18pt) WCAG AA ✓ Pass

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

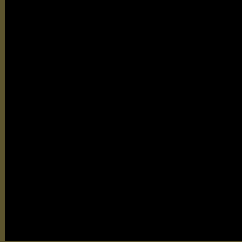
Any Text WCAG AA × Fail

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 30.0357, -3.4985, 13.3443 Background



This preview shows how black text looks on a background with the HunterLab color 30.0357, -3.4985, 13.3443.



This preview shows how white text looks on a background with the HunterLab color 30.0357, -3.4985,

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

30.0357, -3.4985, 13.3443

Protanopia

30.0357, -3.4985, 13.3443

Deuteranopia

30.0552, 1.8317, 13.2467



Tritanopia

29.9447, 4.3379, 0.6745

Trichromacy



Original Color

30.0357, -3.4985, 13.3443

Protanomaly

30.0357, -3.4985, 13.3443

Deuteranomaly

29.9151, 0.0730, 13.1048

Tritanomaly

29.9821, 1.1780, 6.3715

Monochromacy



Original Color

30.0357, -3.4985, 13.3443

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.6801, -2.5864, 6.6685

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0357, -3.4985, 13.3443 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(93, 85, 46)` looks like.

```
.text, #text, p{  
    color:rgb(93, 85, 46)  
}
```

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(93, 85, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 85, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0357, -3.4985, 13.3443 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(93, 85, 46) }
```


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

```
.border{ border-color:rgb(93, 85, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 85, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 85, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 85, 46);  
box-shadow:4px 4px 4px 4px rgb(93, 85, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.0357, -3.4985, 13.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 85, 46) }
```

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

```
.background{ background-color: rgb(93, 85,  
46) }
```

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