

Converting Colors

HunterLab(30.2427, -13.6454,
3.5967)

Have a look what the booklet for
HunterLab(30.2427, -13.6454,
3.5967) contains.

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Color

**HunterLab(30.3934,
-13.7378, 3.6826)**

Conversions

Conversions Part 1

Format	Color
Hex	315E50
RGB	49, 94, 80
RGB Percent	19%, 37%, 31%
CMY	0.8078, 0.6314, 0.6863
CMYK	0.48, 0.00, 0.15, 0.63
HSL	161°, 31%, 28%
HSV	161°, 48%, 37%
XYZ	6.7173, 9.2376, 9.0185
YIQ	78.9490, -22.3260, -13.8940

Conversions

Conversions Part 2

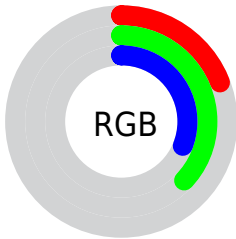
Format	Color
RYB	49, 76, 94
Decimal	3235408
CIELab	36.44, -19.30, 3.23
CIElCh	36, 19.570, 170.501
Yxy	9.2380, 0.2690, 0.3699
Android (android.graphics.Color)	4281425488 (0xFF315E50)
YUV	78.9490, 0.5181, -26.2653
Hunter-Lab	30.3934, -13.7378, 3.6826

Details

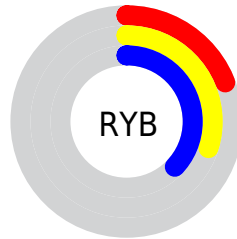
The HunterLab color **30.3934, -13.7378, 3.6826** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **22.2158, 14.2480, 1.3874**, and the grayscale version is **27.9482, -1.4912, 1.5185**.

A 20% lighter version of the original color is **49.4292, -17.4369, 5.2406**, and **14.6983, -9.5101, 2.1579** is the 20% darker color. If you saturate the color by 10%, you get **29.9764, -15.5111, 4.2846**, and if you desaturate by 10%, it is **30.8881, -11.6965, 3.1487**.

Distribution



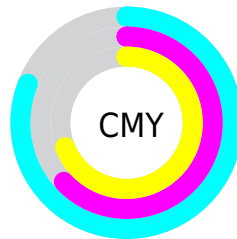
- Red (19%)
- Green (37%)
- Blue (31%)



- Red (19%)
- Yellow (30%)
- Blue (37%)



- Cyan (48%)
- Magenta (0%)
- Yellow (15%)
- Black (63%)



- Cyan (81%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3934, -13.7378, 3.6826 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 30.3934, -13.7378, 3.6826 by changing the saturation by 10% instead.

■ 30.3934, -13.7378,
3.6826

■ 30.3934, -13.7378,
3.6826

■ 136.0674,
-28.3632, 10.8267

■ 22.1285, -11.8566,
3.0139

■ 49.3477, -17.2227,
5.0942

■ 14.7878, -9.8119,
2.3651

■ 59.9112, -18.8806,
5.8382

■ 8.4426, -10.4134,
2.0453

■ 71.1364, -20.5035,
6.6078

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.9865, -22.1014,
7.4027

0.0000, NaN, NaN

■ 95.4301, -23.6815,
8.2226

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.4401,

-25.2492, 9.0669

0.0000, NaN, NaN

121.9928,
-26.8087, 9.9351

■ 30.3934, -13.7378,
3.6826

■ 30.3934, -13.7378,
3.6826

■ 29.9764, -15.5111,
4.2846

■ 30.8881, -11.6965,
3.1487

■ 29.6332, -17.0093,
4.9461

■ 31.4596, -9.3980,
2.6877

■ 29.3613, -18.2338,
5.6581

■ 32.1083, -6.8591,
2.3040

■ 29.1560, -19.1941,
6.4100

■ 32.8334, -4.0992,
2.0002

■ 28.9909, -19.9914,
7.1686

■ 33.6334, -1.1399,
1.7771

■ 28.9561, -20.1594,
7.3256

■ 34.5062, 1.9968,
1.6341

■ 35.4493, 5.2886,
1.5697

■ 36.4599, 8.7146,
1.5812

■ 37.5351, 12.2548,
1.6655

Harmonies

Analogous

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



30.3940, -11.2839, 8.6944



30.3934, -13.7378, 3.6826



30.3940, -13.1795, -3.1549

Triad

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



30.3940, -13.7381, 3.6830



30.3940, 3.2114, -12.8637



30.3940, 7.3742, 9.9357

Complementary

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



30.3934, -13.7378, 3.6826



22.2158, 14.2480, 1.3874

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.



30.3940, 11.9678, 5.7872



30.3934, -13.7378, 3.6826



30.3940, 9.4182, -7.6172

Square

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



30.3940, -13.7381, 3.6830



30.3940, -3.8024, -13.7866



30.3940, 12.7477, -0.5243



30.3940, 0.6188, 11.7295

Rectangle

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



30.3934, -13.7378, 3.6826



30.3940, -11.1526, -7.8388



30.3940, 12.7477, -0.5243



30.3940, 9.2470, 8.8209

Sweetspot

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



30.3940, -13.7381, 3.6830



42.8051, -7.8524, 2.8986



30.4837, -14.5634, 12.8772



20.8866, -4.1002, 1.4493



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.



30.3940, -13.7381, 3.6830



39.6207, -20.7177, 5.7451



28.4204, -8.3136, -4.7259



16.1537, -2.1520, 0.9985



34.0468, -23.7913, 8.8031



79.5693, -56.3074, 22.0968

Inverse Universe

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



22.2158, 14.2480, 1.3874



26.7929, 23.6429, 2.4545



23.5642, 9.1086, 7.3682



15.3572, 0.5229, 0.7454



18.4628, 32.2472, 7.0533



43.0370, 74.8442, 18.9569

Previews

White Background



This preview shows how the HunterLab color 30.3934, -13.7378, 3.6826 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



This preview shows how the HunterLab color 30.3934, -13.7378, 3.6826 looks on a 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 30.3934, -13.7378, 3.6826 Background



This preview shows how black text looks on a background with the HunterLab color 30.3934, -13.7378, 3.6826.



This preview shows how white text looks on a background with the HunterLab color 30.3934,

-13.7378, 3.6826.

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

30.3934, -13.7378, 3.6826

Protanopia

30.2140, -1.8405, 5.5230

Deuteranopia

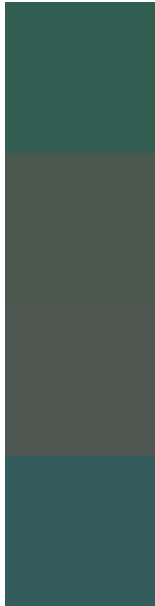
30.3786, 1.6917, 3.1690



Tritanopia

30.2775, -8.6840, -4.6107

Trichromacy



Original Color

30.3934, -13.7378, 3.6826

Protanomaly

29.9518, -6.8052, 4.4385

Deuteranomaly

30.0502, -4.8579, 3.0726

Tritanomaly

30.2606, -10.6321, -1.3781

Monochromacy



Original Color

30.3934, -13.7378, 3.6826

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.5204, -6.3157, 2.0859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3934, -13.7378, 3.6826 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(49, 94, 80)` looks like.

```
.text, #text, p{  
    color:rgb(49, 94, 80)  
}
```

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(49, 94, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 94, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3934, -13.7378, 3.6826 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(49, 94, 80) }
```


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

```
.border{ border-color:rgb(49, 94, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 94, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 94, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 94, 80);  
box-shadow:4px 4px 4px 4px rgb(49, 94, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.3934, -13.7378, 3.6826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 94, 80) }
```

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

```
.background{ background-color: rgb(49, 94,  
80) }
```

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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