

Converting Colors

HunterLab(30.2825, -15.9530,
9.5546)

Have a look what the booklet for
HunterLab(30.2825, -15.9530,
9.5546) contains.

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Color

**HunterLab(30.3908,
-16.0227, 9.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	335F3E
RGB	51, 95, 62
RGB Percent	20%, 37%, 24%
CMY	0.8000, 0.6274, 0.7569
CMYK	0.46, 0.00, 0.35, 0.63
HSL	135°, 30%, 29%
HSV	135°, 46%, 37%
XYZ	6.3269, 9.2360, 6.0067
YIQ	78.0820, -15.6310, -19.5910

Conversions

Conversions Part 2

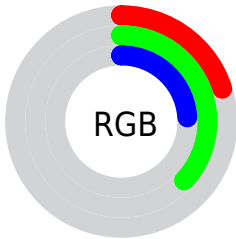
Format	Color
R_{YB}	51, 86, 95
Decimal	3366718
CIE _{Lab}	36.44, -23.37, 14.27
CIE _{LCh}	36, 27.386, 148.597
Yxy	9.2364, 0.2933, 0.4282
Android (android.graphics.Color)	4281556798 (0xFF335F3E)
YUV	78.0820, -7.9284, -23.7509
Hunter-Lab	30.3908, -16.0227, 9.5550

Details

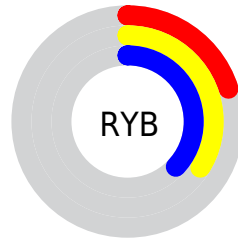
The HunterLab color **30.3908, -16.0227, 9.5550** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **23.3256, 16.6023, -6.6568**, and the grayscale version is **27.6634, -1.4761, 1.5030**.

A 20% lighter version of the original color is **49.3892, -20.1153, 12.3721**, and **14.7220, -11.3713, 6.3914** is the 20% darker color. If you saturate the color by 10%, you get **29.9018, -18.2210, 10.9705**, and if you desaturate by 10%, it is **30.9715, -13.4856, 8.0309**.

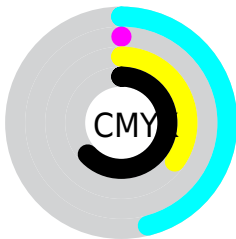
Distribution



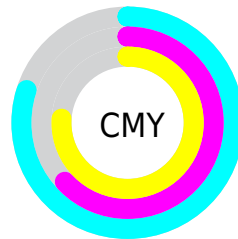
- Red (20%)
- Green (37%)
- Blue (24%)



- Red (20%)
- Yellow (34%)
- Blue (37%)



- Cyan (46%)
- Magenta (0%)
- Yellow (35%)
- Black (63%)



- Cyan (80%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3908, -16.0227, 9.5550 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 30.3908, -16.0227, 9.5550 by changing the saturation by 10% instead.

■ 30.3908, -16.0227,
9.5550

■ 30.3908, -16.0227,
9.5550

136.0631,
-32.6422, 21.8454

■ 22.1262, -13.8123,
8.0379

■ 49.3447, -20.0653,
12.4050

■ 14.7858, -11.3853,
6.4057

■ 59.9079, -21.9674,
13.7791

■ 8.4407, -12.5177,
5.9085

■ 71.1330, -23.8176,
15.1353

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.9829, -25.6288,
16.4810

0.0000, NaN, NaN

■ 95.4263, -27.4105,
17.8214

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.4361,

-29.1699, 19.1605

0.0000, NaN, NaN

121.9887,
-30.9123, 20.5011

■ 30.3908, -16.0227,
9.5550

■ 30.3908, -16.0227,
9.5550

■ 29.9018, -18.2210,
10.9705

■ 30.9715, -13.4856,
8.0309

■ 29.5012, -20.0645,
12.2614

■ 31.6420, -10.6302,
6.4137

■ 29.1866, -21.5486,
13.4151

■ 32.4021, -7.4839,
4.7207

■ 28.9533, -22.6792,
14.4216

■ 33.2497, -4.0770,
2.9683

■ 28.7813, -23.5322,
15.2641

■ 34.1822, -0.4409,
1.1722

■ 28.7222, -23.8225,
15.5256

■ 35.1964, 3.3932,
-0.6536

■ 36.2886, 7.3954,
-2.4966

■ 37.4552, 11.5385,
-4.3463

■ 38.6921, 15.7977,
-6.1941

Harmonies

Analogous

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



30.3914, -10.0841, 13.5143



30.3908, -16.0227, 9.5550



30.3914, -18.1824, 2.0877

Triad

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



30.3914, -16.0232, 9.5553



30.3914, -2.0809, -22.1123



30.3914, 16.6459, 9.0107

Complementary

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



30.3908, -16.0227, 9.5550



23.3256, 16.6023, -6.6568

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.



30.3914, 19.4751, 1.2144



30.3908, -16.0227, 9.5550



30.3914, 7.8781, -18.5328

Square

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



30.3914, -16.0232, 9.5553



30.3914, -10.7857, -17.8371



30.3914, 16.0855, -9.1794



30.3914, 8.7724, 13.2767

Rectangle

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



30.3908, -16.0227, 9.5550



30.3914, -17.4254, -4.5986



30.3914, 16.0855, -9.1794



30.3914, 18.2590, 6.8086

Sweetspot

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



30.3914, -16.0232, 9.5553



42.6060, -8.9714, 5.7472



32.1071, -9.7865, 13.8292



20.7801, -4.7008, 2.9750



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.



30.3914, -16.0232, 9.5553



39.0546, -24.1969, 14.5938



30.8686, -13.2069, 2.6792



16.9284, -2.5532, 1.7562



34.2295, -28.4749, 18.6852



79.0374, -66.3046, 44.3426

Inverse Universe

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



23.3256, 16.6023, -6.6568



27.9592, 27.4194, -10.7836



22.6903, 13.5728, 2.3104



16.1821, 0.8487, 0.0400



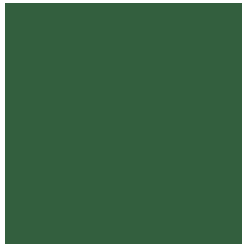
20.2493, 37.8501, -11.5088



46.6465, 86.9280, -24.4661

Previews

White Background



This preview shows how the HunterLab color 30.3908, -16.0227, 9.5550 looks on a white background.

Color Contrast Check

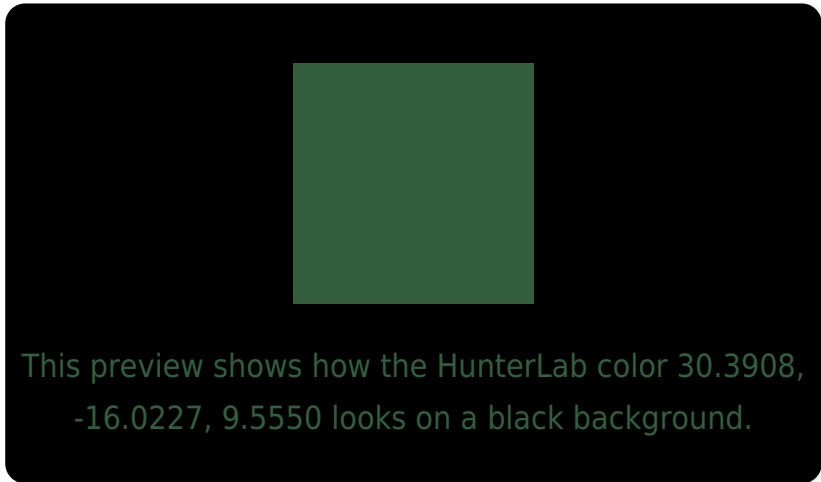
Large Text (above 18pt) WCAG AA ✓ Pass

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

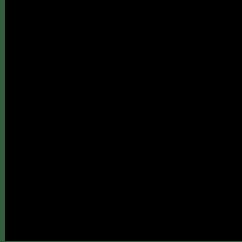
Any Text WCAG AA × Fail

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 30.3908, -16.0227, 9.5550 Background



This preview shows how black text looks on a background with the HunterLab color 30.3908, -16.0227, 9.5550.



This preview shows how white text looks on a background with the HunterLab color 30.3908,

-16.0227, 9.5550.

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

30.3908, -16.0227, 9.5550

Protanopia

30.1294, -2.8079, 10.6392

Deuteranopia

30.2086, 1.6564, 8.8279



Tritanopia

30.4858, -7.9763, -3.8276

Trichromacy



Original Color

30.3908, -16.0227, 9.5550

Protanomaly

30.0638, -8.5422, 10.2155

Deuteranomaly

29.9673, -5.9030, 8.7657

Tritanomaly

30.2505, -11.0566, 1.6020

Monochromacy



Original Color

30.3908, -16.0227, 9.5550

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.3504, -7.2781, 4.5203

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3908, -16.0227, 9.5550 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(51, 95, 62)` looks like.

```
.text, #text, p{  
    color:rgb(51, 95, 62)  
}
```

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(51, 95, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 95, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3908, -16.0227, 9.5550 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(51, 95, 62) }
```


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

```
.border{ border-color:rgb(51, 95, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 95, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 95, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 95, 62);  
box-shadow:4px 4px 4px 4px rgb(51, 95, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.3908, -16.0227, 9.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 95, 62) }
```

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

```
.background{ background-color: rgb(51, 95,  
62) }
```

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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