

Converting Colors

HunterLab(25.5093, -16.6893,
11.9949)

Have a look what the booklet for
HunterLab(25.5093, -16.6893,
11.9949) contains.

HunterLab(25.5096, -16.6582, 11.9099)	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(25.5096,
-16.6582, 11.9099)**

Conversions

Conversions Part 1

Format	Color
Hex	235222
RGB	35, 82, 34
RGB Percent	14%, 32%, 13%
CMY	0.8627, 0.6784, 0.8667
CMYK	0.57, 0.00, 0.59, 0.68
HSL	119°, 41%, 23%
HSV	119°, 59%, 32%
XYZ	3.9992, 6.5074, 2.5586
YIQ	62.4750, -12.6040, -24.8920

Conversions

Conversions Part 2

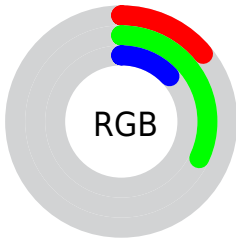
Format	Color
R_{YB}	34, 82, 81
Decimal	2314786
CIE _{Lab}	30.66, -27.21, 23.16
CIE _{LCh}	31, 35.730, 139.595
Yxy	6.5077, 0.3061, 0.4981
Android (android.graphics.Color)	4280504866 (0xFF235222)
YUV	62.4750, -14.0382, -24.0956
Hunter-Lab	25.5096, -16.6582, 11.9099

Details

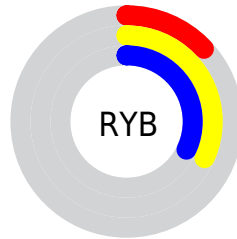
The HunterLab color $[25.5096, -16.6582, 11.9099]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[18.7157, 19.5952, -13.4140]$, and the grayscale version is $[22.1635, -1.1826, 1.2042]$.

A 20% lighter version of the original color is $[43.5506, -21.4740, 16.1275]$, and $[11.5028, -9.8636, 6.9153]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.1816, -18.1744, 12.9250]$, and if you desaturate by 10%, it is $[25.9185, -14.8036, 10.6575]$.

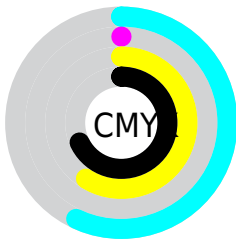
Distribution



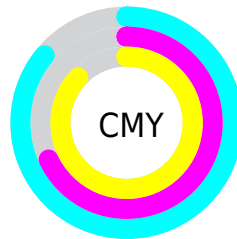
- Red (14%)
- Green (32%)
- Blue (13%)



- Red (13%)
- Yellow (32%)
- Blue (32%)



- Cyan (57%)
- Magenta (0%)
- Yellow (59%)
- Black (68%)



- Cyan (86%)
- Magenta (68%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.5096, -16.6582, 11.9099 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 25.5096, -16.6582, 11.9099 by changing the saturation by 10% instead.

■ 25.5096, -16.6582,
11.9099

■ 25.5096, -16.6582,
11.9099

127.8702,
-35.5237, 28.9878

■ 17.7656, -13.9914,
9.5289

■ 43.5611, -21.3963,
16.1759

■ 11.0172, -11.8700,
7.7121

■ 53.7224, -23.5811,
18.1474

■ 2.7005, -4.7259,
1.8904

■ 64.5701, -25.6857,
20.0492

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.0632, -27.7293,
21.8988

0.0000, NaN, NaN

■ 88.1674, -29.7258,
23.7091

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.8530,

-31.6854, 25.4896

0.0000, NaN, NaN

■ 114.0948,
-33.6160, 27.2472

■ 25.5096, -16.6582,
11.9099

■ 25.5096, -16.6582,
11.9099

■ 25.1816, -18.1744,
12.9250

■ 25.9185, -14.8036,
10.6575

■ 24.9301, -19.3495,
13.7024

■ 26.4082, -12.6204,
9.1744

■ 24.7507, -20.1940,
14.2511

■ 26.9796, -10.1282,
7.4732

■ 24.6091, -20.8698,
14.7156

■ 27.6318, -7.3516,
5.5706

■ 24.5883, -20.9693,
14.7841

■ 28.3631, -4.3188,
3.4860

■ 29.1711, -1.0599,
1.2402

■ 30.0529, 2.3950,
-1.1459

■ 31.0052, 6.0170,
-3.6523

■ 32.0244, 9.7795,
-6.2601

Harmonies

Analogous

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



25.5101, -8.6468, 14.6176



25.5096, -16.6582, 11.9099



25.5101, -20.3169, 5.0422

Triad

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



25.5101, -16.6586, 11.9101



25.5101, -5.3963, -30.9945



25.5101, 24.2087, 7.7059

Complementary

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



25.5096, -16.6582, 11.9099



18.7157, 19.5952, -13.4140

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.



25.5101, 25.5206, -2.9008



25.5096, -16.6582, 11.9099



25.5101, 6.8436, -29.1399

Square

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



25.5101, -16.6586, 11.9101



25.5101, -14.6586, -21.6090



25.5101, 18.6861, -17.3223



25.5101, 15.3771, 13.0838

Rectangle

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



25.5096, -16.6582, 11.9099



25.5101, -20.3554, -2.5464



25.5101, 18.6861, -17.3223



25.5101, 25.5987, 4.7820

Sweetspot

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



25.5101, -16.6586, 11.9101



36.5014, -9.7529, 7.3874



27.7592, -5.7095, 13.7726



18.0408, -5.1780, 3.8981



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



25.5101, -16.6586, 11.9101



33.1302, -24.6802, 17.5205



25.8155, -14.7480, 6.9378



14.4693, -2.2330, 1.7990



31.6635, -27.0374, 19.0376



76.0083, -65.0717, 45.6967

Inverse Universe

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



18.7157, 19.5952, -13.4140



22.6709, 31.7259, -21.9250



18.0557, 16.4192, -2.4438



13.8927, 0.7781, -0.3008



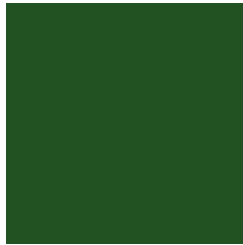
19.6400, 38.7801, -27.1994



47.1120, 93.0531, -65.4657

Previews

White Background



This preview shows how the HunterLab color 25.5096, -16.6582, 11.9099 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

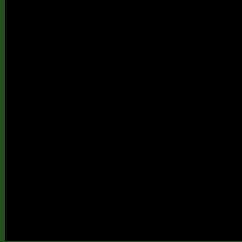
Any Text WCAG AA × Fail

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 25.5096, -16.6582, 11.9099 Background



This preview shows how black text looks on a background with the HunterLab color 25.5096, -16.6582, 11.9099.



This preview shows how white text looks on a background with the HunterLab color 25.5096,

-16.6582, 11.9099.

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

25.5096, -16.6582, 11.9099

Protanopia

25.3754, -3.0946, 12.5532

Deuteranopia

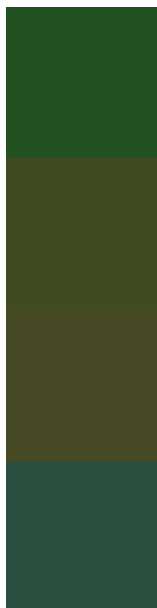
25.4379, 1.1120, 11.4202



Tritanopia

25.5208, -7.2985, -3.4141

Trichromacy



Original Color

25.5096, -16.6582, 11.9099

Protanomaly

25.2253, -9.0497, 12.1734

Deuteranomaly

25.0925, -6.6579, 11.2097

Tritanomaly

25.4281, -11.4712, 3.8070

Monochromacy



Original Color

25.5096, -16.6582, 11.9099

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

22.8785, -7.5484, 5.5461

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.5096, -16.6582, 11.9099 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(35, 82, 34)` looks like.

```
.text, #text, p{  
    color:rgb(35, 82, 34)  
}
```

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(35, 82, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 82, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 25.5096, -16.6582, 11.9099 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(35, 82, 34) }
```


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

```
.border{ border-color:rgb(35, 82, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 82, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 82, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 82, 34);  
box-shadow:4px 4px 4px 4px rgb(35, 82, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.5096, -16.6582, 11.9099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 82, 34) }
```

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

```
.background{ background-color: rgb(35, 82,  
34) }
```

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