

Converting Colors

HunterLab(25.2513, -8.2604,
-1.1991)

Have a look what the booklet for
HunterLab(25.2513, -8.2604,
-1.1991) contains.

HunterLab(25.3011, -8.4683, -1.0111)	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(25.3011, -8.4683,
-1.0111)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4D4D
RGB	45, 77, 77
RGB Percent	18%, 30%, 30%
CMY	0.8235, 0.6980, 0.6980
CMYK	0.42, 0.00, 0.00, 0.70
HSL	180°, 26%, 24%
HSV	180°, 42%, 30%
XYZ	5.0756, 6.4015, 7.9893
YIQ	67.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

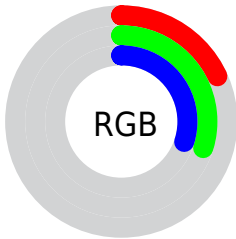
Format	Color
R_{YB}	45, 61, 77
Decimal	2968909
CIE Lab	30.40, -11.73, -3.72
CIE LCh	30, 12.305, 197.611
Yxy	6.4017, 0.2607, 0.3289
Android (android.graphics.Color)	4281158989 (0xFF2D4D4D)
YUV	67.4320, 4.7170, -19.6729
Hunter-Lab	25.3011, -8.4683, -1.0111

Details

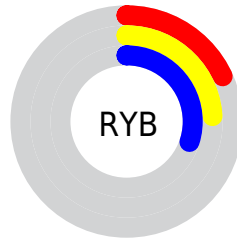
The HunterLab color **25.3011, -8.4683, -1.0111** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **19.0898, 8.4162, 4.1990**, and the grayscale version is **23.8323, -1.2716, 1.2949**.

A 20% lighter version of the original color is **43.3073, -10.9082, -0.5285**, and **10.9431, -5.8015, -1.1541** is the 20% darker color. If you saturate the color by 10%, you get **24.9854, -9.6656, -1.4347**, and if you desaturate by 10%, it is **25.6761, -7.0717, -0.5156**.

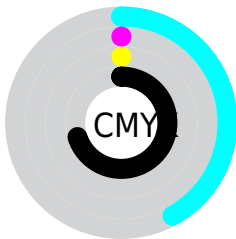
Distribution



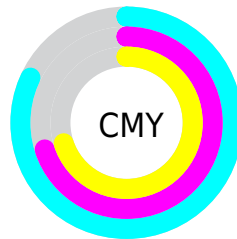
- Red (18%)
- Green (30%)
- Blue (30%)



- Red (18%)
- Yellow (24%)
- Blue (30%)



- Cyan (42%)
- Magenta (0%)
- Yellow (0%)
- Black (70%)



- Cyan (82%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.3011, -8.4683, -1.0111 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 25.3011, -8.4683, -1.0111 by changing the saturation by 10% instead.

■ 25.3011, -8.4683,
-1.0111

■ 25.3011, -8.4683,
-1.0111

■ 127.5130,
-19.5007, 2.9693

■ 17.5808, -7.1399,
-1.1848

■ 43.3117, -10.9814,
-0.4598

■ 10.8598, -5.7165,
-1.2734

■ 53.4550, -12.2036,
-0.0996

■ 2.1152, -3.7016,
-7.1809

■ 64.2858, -13.4166,
0.3094

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.7629, -14.6263,
0.7632

0.0000, NaN, NaN

■ 87.8518, -15.8370,
1.2586

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5230,

-17.0515, 1.7929

0.0000, NaN, NaN

113.7509,
-18.2722, 2.3637

■ 25.3011, -8.4683,
-1.0111

■ 25.3011, -8.4683,
-1.0111

■ 24.9854, -9.6656,
-1.4347

■ 25.6761, -7.0717,
-0.5156

■ 24.7262, -10.6594,
-1.7864

■ 26.1094, -5.4825,
0.0482

■ 24.5219, -11.4509,
-2.0663

■ 26.6015, -3.7112,
0.6773

■ 24.3696, -12.0458,
-2.2766

■ 27.1518, -1.7703,
1.3675

■ 24.2605, -12.4743,
-2.4280

■ 27.7592, 0.3261,
2.1138

■ 24.1739, -12.8162,
-2.5487

■ 28.4223, 2.5630,
2.9114

■ 29.1393, 4.9255,
3.7549

■ 29.9082, 7.3989,
4.6393

■ 30.7271, 9.9690,
5.5597

Harmonies

Analogous

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



25.3016, -8.6338, 2.9414



25.3011, -8.4683, -1.0111



25.3016, -6.4740, -4.8454

Triad

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



25.3016, -8.4685, -1.0107



25.3016, 4.7700, -4.2486



25.3016, 0.3709, 7.6879

Complementary

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



25.3011, -8.4683, -1.0111



19.0898, 8.4162, 4.1990

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.



25.3016, 4.2143, 6.3352



25.3011, -8.4683, -1.0111



25.3016, 6.8610, -0.2937

Square

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



25.3016, -8.4685, -1.0107



25.3016, 1.0905, -6.9106



25.3016, 6.6514, 3.5530



25.3016, -3.7041, 7.5590

Rectangle

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



25.3011, -8.4683, -1.0111



25.3016, -4.2989, -6.6292



25.3016, 6.6514, 3.5530



25.3016, 1.7375, 7.4017

Sweetspot

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



25.3016, -8.4685, -1.0107



34.5974, -5.0459, 0.8075



24.6324, -12.4281, 8.9848



17.7173, -2.6540, 0.3900



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



25.3016, -8.4685, -1.0107



32.5420, -12.6272, -1.8814



21.1864, -2.3702, -6.6360



13.7520, -1.6261, 0.4482



32.3450, -17.1483, -3.4102



78.7404, -41.7458, -8.3015

Inverse Universe

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



19.0898, 8.4162, 4.1990



22.7239, 14.3836, 6.4613



22.4684, 1.7919, 7.3247



13.0511, 0.2439, 1.0242



16.8071, 28.7827, 10.8601



40.9150, 70.0683, 26.4381

Previews

White Background



This preview shows how the HunterLab color 25.3011, -8.4683, -1.0111 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

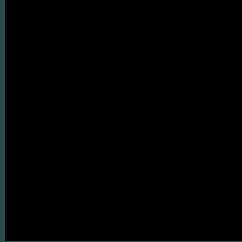
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

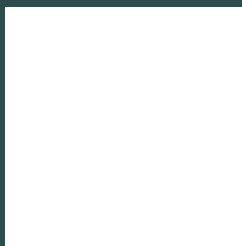
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 25.3011, -8.4683, -1.0111 Background



This preview shows how black text looks on a background with the HunterLab color 25.3011, -8.4683, -1.0111.



This preview shows how white text looks on a background with the HunterLab color 25.3011, -8.4683, -1.0111.

-1.0111.

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

25.3011, -8.4683, -1.0111

Protanopia

25.2294, -0.7931, 0.7193

Deuteranopia

25.1329, 1.7635, -1.9327



Tritanopia

25.2634, -6.9069, -3.2879

Trichromacy



Original Color

25.3011, -8.4683, -1.0111

Protanomaly

25.0672, -3.9538, 0.0537

Deuteranomaly

25.0495, -2.4576, -1.6677

Tritanomaly

25.1573, -7.4196, -2.5146

Monochromacy



Original Color

25.3011, -8.4683, -1.0111

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.2718, -4.2765, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.3011, -8.4683, -1.0111 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(45, 77, 77)` looks like.

```
.text, #text, p{  
    color:rgb(45, 77, 77)  
}
```

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(45, 77, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 77, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 25.3011, -8.4683, -1.0111 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(45, 77, 77) }
```


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

```
.border{ border-color:rgb(45, 77, 77) }
```

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

Here you see how a box with a 4 pixel rgb(45, 77, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 77, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 77, 77);  
box-shadow:4px 4px 4px 4px rgb(45, 77, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.3011, -8.4683, -1.0111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 77, 77) }
```

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

```
.background{ background-color: rgb(45, 77,  
77) }
```

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