

Converting Colors

HunterLab(25.2506, 4.8846,
-13.2644)

Have a look what the booklet for
HunterLab(25.2506, 4.8846,
-13.2644) contains.

HunterLab(25.2506, 4.8846, -13.2644)	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(25.2506, 4.8846,
-13.2644)**

Conversions

Conversions Part 1

Format	Color
Hex	464465
RGB	70, 68, 101
RGB Percent	27%, 27%, 40%
CMY	0.7255, 0.7333, 0.6039
CMYK	0.31, 0.33, 0.00, 0.60
HSL	244°, 20%, 33%
HSV	244°, 33%, 40%
XYZ	6.9419, 6.3759, 13.1767
YIQ	72.3600, -9.4010, 10.6870

Conversions

Conversions Part 2

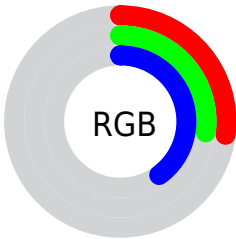
Format	Color
R_{YB}	70, 68, 101
Decimal	4605029
CIE _{Lab}	30.34, 9.25, -19.03
CIE _{LCh}	30, 21.157, 295.933
Yxy	6.3762, 0.2620, 0.2407
Android (android.graphics.Color)	4282795109 (0xFF464465)
YUV	72.3600, 14.1195, -2.0697
Hunter-Lab	25.2506, 4.8846, -13.2644

Details

The HunterLab color $25.2506, 4.8846, -13.2644$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $35.1817, -6.5552, 12.3472$, and the grayscale version is $25.5387, -1.3627, 1.3876$.

A 20% lighter version of the original color is $43.2200, 4.9857, -14.0316$, and $10.8087, 4.4427, -12.4062$ is the 20% darker color. If you saturate the color by 10%, you get $22.2093, 7.3616, -19.0542$, and if you desaturate by 10%, it is $28.4362, 2.6259, -8.1027$.

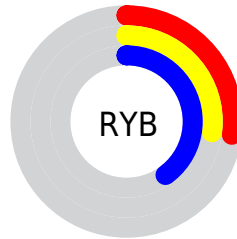
Distribution



Red (27%)

Green (27%)

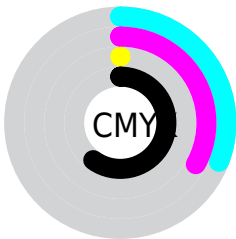
Blue (40%)



Red (27%)

Yellow (27%)

Blue (40%)

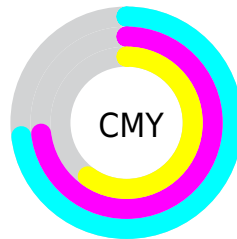


Cyan (31%)

Magenta (33%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (73%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.2506, 4.8846, -13.2644 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 25.2506, 4.8846, -13.2644 by changing the saturation by 10% instead.

■ 25.2506, 4.8846,
-13.2644

■ 25.2506, 4.8846,
-13.2644

■ 127.4263, 3.5665,
-14.6985

■ 17.5361, 4.6526,
-12.8062

■ 43.2513, 5.0455,
-14.0251

■ 10.8217, 4.2859,
-12.3823

■ 53.3902, 5.0059,
-14.3049

■ 1.9468, 20.6050,
-42.2313

■ 64.2168, 4.8995,
-14.5179

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 75.6901, 4.7333,
-14.6672

0.0000, NaN, NaN

■ 87.7753, 4.5129,
-14.7565

0.0000, NaN, NaN

■ 100.4430, 4.2426,

0.0000, NaN, NaN

-14.7893

0.0000, NaN, NaN

113.6675, 3.9261,
-14.7690

■ 25.2506, 4.8846,
-13.2644

■ 25.2506, 4.8846,
-13.2644

■ 22.2093, 7.3616,
-19.0542

■ 28.4362, 2.6259,
-8.1027

■ 19.3437, 10.1134,
-25.6410

■ 31.7410, 0.5374,
-3.4300

■ 16.7014, 13.1885,
-33.1857

■ 35.1485, -1.4200,
0.8650

■ 14.3499, 16.5844,
-41.7375

■ 38.6457, -3.2765,
4.8668

■ 12.3824, 20.1460,
-50.9704

■ 42.2226, -5.0551,
8.6400

■ 10.8922, 23.4882,
-59.8961

■ 45.8716, -6.7735,
12.2337

■ 9.8949, 26.4408,
-67.2132

■ 49.5861, -8.4452,
15.6854

■ 53.3612, -10.0807,
19.0244

■ 57.1924, -11.6881,
22.2734

Harmonies

Analogous

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



25.2511, -2.3068, -15.2539



25.2506, 4.8846, -13.2644



25.2511, 10.9459, -7.0081

Triad

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



25.2511, 4.8843, -13.2638



25.2511, 6.7378, 9.9205



25.2511, -13.5428, 2.2757

Complementary

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



25.2506, 4.8846, -13.2644



35.1817, -6.5552, 12.3472

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.



25.2511, -11.6646, 7.6054



25.2506, 4.8846, -13.2644



25.2511, -0.3760, 11.1798

Square

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



25.2511, 4.8843, -13.2638



25.2511, 12.0960, 6.4070



25.2511, -7.0302, 10.4668



25.2511, -12.4614, -4.9695

Rectangle

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



25.2506, 4.8846, -13.2644



25.2511, 13.2586, -1.9797



25.2511, -7.0302, 10.4668



25.2511, -13.2428, 4.3236

Sweetspot

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



25.2511, 4.8843, -13.2638



42.6450, 0.0767, -3.1076



33.4049, -9.1477, -1.4288



20.9340, 0.1676, -1.8274



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



25.2511, 4.8843, -13.2638



30.1079, 8.7766, -22.9175



26.5700, 9.0470, -10.9432



16.6461, -0.1050, -0.9001



11.3002, 30.2545, -77.2138



25.5436, 68.8998, -178.4964

Inverse Universe

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



27.9321, 13.0188, -7.6173



34.5271, 21.5852, -12.8117



33.9957, -10.9169, 11.2185



16.9891, 1.0442, -0.3190



21.6939, 42.1222, -24.5134



49.4965, 96.0323, -55.3649

Previews

White Background



This preview shows how the HunterLab color 25.2506, 4.8846, -13.2644 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 25.2506, 4.8846, -13.2644 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 25.2506, 4.8846, -13.2644 Background



This preview shows how black text looks on a background with the HunterLab color 25.2506, 4.8846, -13.2644.

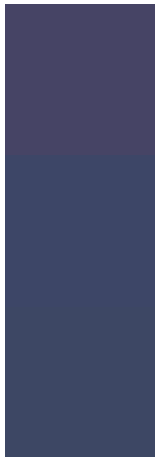


This preview shows how white text looks on a background with the HunterLab color 25.2506, 4.8846, -13.2644.

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

25.2506, 4.8846, -13.2644

Protanopia

25.2026, 2.3774, -14.6164

Deuteranopia

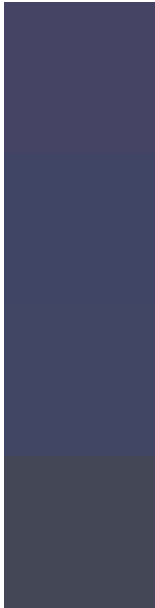
25.3351, 1.3044, -12.5810



Tritanopia

25.3751, -2.6382, -1.2513

Trichromacy



Original Color

25.2506, 4.8846, -13.2644

Protanomaly

25.1108, 3.2617, -14.1500

Deuteranomaly

25.2793, 2.3984, -12.6586

Tritanomaly

25.2421, 0.0069, -5.1253

Monochromacy



Original Color

25.2506, 4.8846, -13.2644

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.4374, 0.4868, -3.3916

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.2506, 4.8846, -13.2644 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(70, 68, 101)` looks like.

```
.text, #text, p{  
    color:rgb(70, 68, 101)  
}
```

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(70, 68, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 68, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 25.2506, 4.8846, -13.2644 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(70, 68, 101) }
```


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

```
.border{ border-color:rgb(70, 68, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 68, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 68, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 68, 101);  
box-shadow:4px 4px 4px 4px rgb(70, 68,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.2506, 4.8846, -13.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 68, 101) }
```

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

```
.background{ background-color: rgb(70, 68,  
101) }
```

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