

Converting Colors

HunterLab(25.5186, -6.9811,
3.7116)

Have a look what the booklet for
HunterLab(25.5186, -6.9811, 3.7116)
contains.

HunterLab(25.4795, -6.9587, 3.5847)	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(25.4795, -6.9587,
3.5847)**

Conversions

Conversions Part 1

Format	Color
Hex	3B4C42
RGB	59, 76, 66
RGB Percent	23%, 30%, 26%
CMY	0.7686, 0.7020, 0.7412
CMYK	0.22, 0.00, 0.13, 0.70
HSL	145°, 13%, 26%
HSV	145°, 22%, 30%
XYZ	5.3715, 6.4920, 6.1243
YIQ	69.7770, -6.9220, -6.7140

Conversions

Conversions Part 2

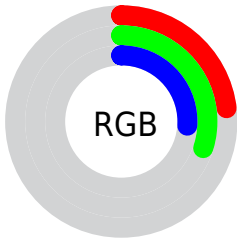
Format	Color
RYB	59, 71, 76
Decimal	3886146
CIELab	30.62, -9.08, 3.75
CIElCh	31, 9.824, 157.541
Yxy	6.4923, 0.2986, 0.3609
Android (android.graphics.Color)	4282076226 (0xFF3B4C42)
YUV	69.7770, -1.8621, -9.4514
Hunter-Lab	25.4795, -6.9587, 3.5847

Details

The HunterLab color **25.4795, -6.9587, 3.5847** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.5705, 4.9388, -0.7964**, and the grayscale version is **24.6778, -1.3167, 1.3408**.

A 20% lighter version of the original color is **43.5981, -9.0112, 5.0578**, and **11.0184, -4.6643, 2.3460** is the 20% darker color. If you saturate the color by 10%, you get **24.9521, -9.1371, 4.5463**, and if you desaturate by 10%, it is **26.0702, -4.5929, 2.6279**.

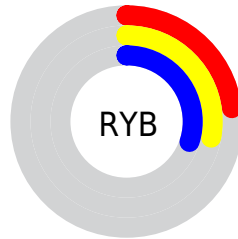
Distribution



 Red (23%)

 Green (30%)

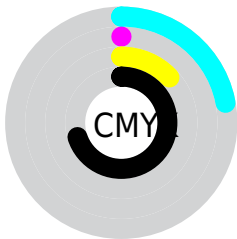
 Blue (26%)



 Red (23%)

 Yellow (28%)

 Blue (30%)

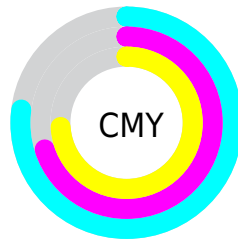


 Cyan (22%)

 Magenta (0%)

 Yellow (13%)

 Black (70%)



 Cyan (77%)

 Magenta (70%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.4795, -6.9587, 3.5847 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 25.4795, -6.9587, 3.5847 by changing the saturation by 10% instead.

■ 25.4795, -6.9587,
3.5847

■ 25.4795, -6.9587,
3.5847

■ 127.8186,
-16.7027, 10.8391

■ 17.7389, -5.8473,
2.8886

■ 43.5251, -9.1094,
5.0344

■ 10.9945, -4.6736,
2.2010

■ 53.6838, -10.1738,
5.7927

■ 2.6242, -4.5924,
1.8369

■ 64.5291, -11.2401,
6.5747

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.0199, -12.3123,
7.3806

0.0000, NaN, NaN

■ 88.1218, -13.3931,
8.2103

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.8054,

-14.4843, 9.0635

0.0000, NaN, NaN

114.0452,
-15.5872, 9.9399

■ 25.4795, -6.9587,
3.5847

■ 25.4795, -6.9587,
3.5847

■ 24.9521, -9.1371,
4.5463

■ 26.0702, -4.5929,
2.6279

■ 24.4871, -11.1086,
5.5032

■ 26.7211, -2.0577,
1.6823

■ 24.0854, -12.8586,
6.4467

■ 27.4311, 0.6265,
0.7545

■ 23.7464, -14.3754,
7.3673

■ 28.1978, 3.4402,
-0.1504

■ 23.4686, -15.6525,
8.2549

■ 29.0191, 6.3648,
-1.0284

■ 23.2496, -16.6896,
9.1002

■ 29.8924, 9.3830,
-1.8765

■ 23.0785, -17.5229,
9.8878

■ 30.8152, 12.4793,
-2.6929

■ 22.9557, -18.1218,
10.4272

■ 31.7849, 15.6400,
-3.4762

■ 32.7989, 18.8530,
-4.2261

Harmonies

Analogous

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



25.4800, -5.1100, 5.7206



25.4795, -6.9587, 3.5847



25.4800, -7.3463, 0.5828

Triad

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



25.4800, -6.9592, 3.5850



25.4800, -0.5236, -5.3454



25.4800, 3.8635, 4.7949

Complementary

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



25.4795, -6.9587, 3.5847



22.5705, 4.9388, -0.7964

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.



25.4800, 5.2336, 2.1657



25.4795, -6.9587, 3.5847



25.4800, 2.6183, -3.8735

Square

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



25.4800, -6.9592, 3.5850



25.4800, -3.7380, -4.8397



25.4800, 4.7667, -1.0263



25.4800, 1.1066, 6.3546

Rectangle

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



25.4795, -6.9587, 3.5847



25.4800, -6.7422, -1.5621



25.4800, 4.7667, -1.0263



25.4800, 4.5077, 4.0209

Sweetspot

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



25.4800, -6.9592, 3.5850



34.8460, -4.3820, 2.8299



25.9952, -5.3727, 6.4866



17.8563, -2.2748, 1.4613



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.



25.4800, -6.9592, 3.5850



33.2336, -10.8469, 5.4512



25.6855, -5.7932, 0.6480



13.7003, -1.9131, 1.1855



31.0964, -24.7463, 14.5522



75.5862, -60.9562, 37.1106

Inverse Universe

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



22.5705, 4.9388, -0.7964



28.4635, 8.6927, -1.7191



22.3568, 3.8214, 2.2466



13.1030, 0.5240, 0.2838



17.7512, 32.2374, -2.7772



42.9998, 77.7068, -3.7516

Previews

White Background



This preview shows how the HunterLab color 25.4795, -6.9587, 3.5847 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 25.4795, -6.9587, 3.5847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

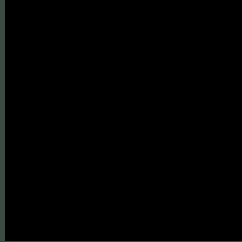
Any Text WCAG AA × Fail

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 25.4795, -6.9587, 3.5847 Background



This preview shows how black text looks on a background with the HunterLab color 25.4795, -6.9587, 3.5847.



This preview shows how white text looks on a background with the HunterLab color 25.4795, -6.9587,

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

25.4795, -6.9587, 3.5847

Protanopia

25.4966, -1.6022, 4.4034

Deuteranopia

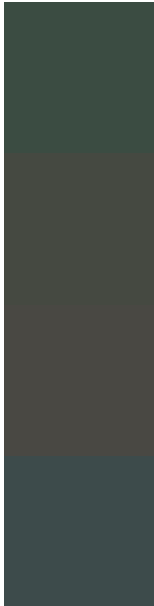
25.3196, 1.7587, 3.1979



Tritanopia

25.4968, -3.4308, -1.9974

Trichromacy



Original Color

25.4795, -6.9587, 3.5847

Protanomaly

25.3218, -3.4915, 3.8324

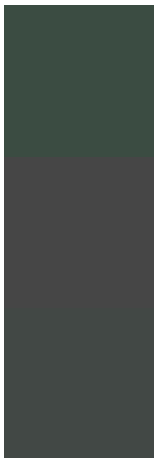
Deuteranomaly

25.4095, -1.7682, 3.2356

Tritanomaly

25.5583, -4.8443, 0.2221

Monochromacy



Original Color

25.4795, -6.9587, 3.5847

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

24.9452, -3.3083, 1.9313

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.4795, -6.9587, 3.5847 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(59, 76, 66)` looks like.

```
.text, #text, p{  
    color:rgb(59, 76, 66)  
}
```

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(59, 76, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 76, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 25.4795, -6.9587, 3.5847 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(59, 76, 66) }
```


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

```
.border{ border-color:rgb(59, 76, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 76, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 76, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 76, 66);  
box-shadow:4px 4px 4px 4px rgb(59, 76, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.4795, -6.9587, 3.5847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 76, 66) }
```

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

```
.background{ background-color: rgb(59, 76,  
66) }
```

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