

Converting Colors

HunterLab(25.3129, -8.8266,
-1.5821)

Have a look what the booklet for
HunterLab(25.3129, -8.8266,
-1.5821) contains.

HunterLab(25.1993, -8.7954, -1.5849)	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(25.1993, -8.7954,
-1.5849)**

Conversions

Conversions Part 1

Format	Color
Hex	2A4D4E
RGB	42, 77, 78
RGB Percent	16%, 30%, 31%
CMY	0.8353, 0.6980, 0.6941
CMYK	0.46, 0.01, 0.00, 0.69
HSL	182°, 30%, 24%
HSV	182°, 46%, 31%
XYZ	4.9839, 6.3500, 8.1707
YIQ	66.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

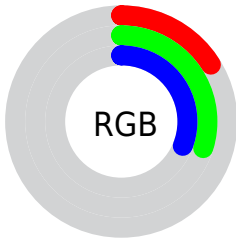
Format	Color
R_{YB}	42, 60, 78
Decimal	2772302
CIE _{Lab}	30.28, -12.33, -4.57
CIE _{LCh}	30, 13.151, 200.319
Yxy	6.3503, 0.2555, 0.3256
Android (android.graphics.Color)	4280962382 (0xFF2A4D4E)
YUV	66.6490, 5.5960, -21.6172
Hunter-Lab	25.1993, -8.7954, -1.5849

Details

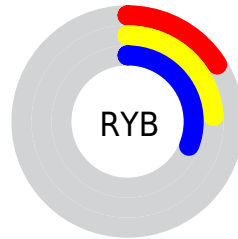
The HunterLab color **25.1993, -8.7954, -1.5849** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **18.7476, 9.3116, 4.7872**, and the grayscale version is **23.5552, -1.2568, 1.2798**.

A 20% lighter version of the original color is **43.1598, -11.3915, -1.1873**, and **10.9691, -5.6471, -1.5198** is the 20% darker color. If you saturate the color by 10%, you get **24.8421, -9.8434, -2.0675**, and if you desaturate by 10%, it is **25.6153, -7.5457, -1.0315**.

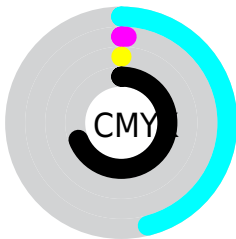
Distribution



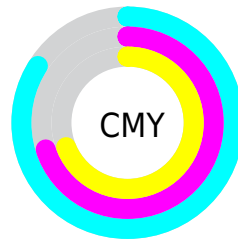
- Red (16%)
- Green (30%)
- Blue (31%)



- Red (16%)
- Yellow (24%)
- Blue (31%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.1993, -8.7954, -1.5849 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 25.1993, -8.7954, -1.5849 by changing the saturation by 10% instead.

■ 25.1993, -8.7954,
-1.5849

■ 25.1993, -8.7954,
-1.5849

■ 127.3383,
-20.1253, 2.0443

■ 17.4907, -7.4160,
-1.7061

■ 43.1899, -11.3929,
-1.1272

■ 10.7830, -5.9488,
-1.7372

■ 53.3243, -12.6516,
-0.8095

■ 1.7593, -3.0787,
-10.6647

■ 64.1468, -13.8984,
-0.4406

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.6161, -15.1398,
-0.0248

0.0000, NaN, NaN

■ 87.6976, -16.3803,
0.4343

0.0000, NaN, NaN

■ 100.3617,

0.0000, NaN, NaN

-17.6232, 0.9337

0.0000, NaN, NaN

113.5828,
-18.8709, 1.4710

■ 25.1993, -8.7954,
-1.5849

■ 25.1993, -8.7954,
-1.5849

■ 24.8421, -9.8434,
-2.0675

■ 25.6153, -7.5457,
-1.0315

■ 24.5409, -10.6863,
-2.4789

■ 26.0892, -6.1003,
-0.4112

■ 24.2941, -11.3265,
-2.8191

■ 26.6213, -4.4690,
0.2727

■ 24.0986, -11.7714,
-3.0901

■ 27.2110, -2.6638,
1.0155

■ 23.9315, -12.1076,
-3.3228

■ 27.8571, -0.6984,
1.8123

■ 23.8670, -12.2381,
-3.4130

■ 28.5581, 1.4127,
2.6579

■ 29.3124, 3.6550,
3.5469

■ 30.1178, 6.0139,
4.4744

■ 30.9722, 8.4758,
5.4354

Harmonies

Analogous

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



25.1998, -9.1516, 2.6872



25.1993, -8.7954, -1.5849



25.1998, -6.5211, -5.6376

Triad

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



25.1998, -8.7956, -1.5845



25.1998, 5.4977, -4.3239



25.1998, 0.0918, 8.0826

Complementary

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



25.1993, -8.7954, -1.5849



18.7476, 9.3116, 4.7872

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.



25.1998, 4.2838, 6.8104



25.1993, -8.7954, -1.5849



25.1998, 7.5431, -0.0188

Square

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



25.1998, -8.7956, -1.5845



25.1998, 1.6582, -7.3978



25.1998, 7.0843, 4.0082



25.1998, -4.2156, 7.8092

Rectangle

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



25.1993, -8.7954, -1.5849



25.1998, -4.1310, -7.4387



25.1998, 7.0843, 4.0082



25.1998, 1.5655, 7.8312

Sweetspot

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



25.1998, -8.7956, -1.5845



35.2780, -5.5281, 0.5150



24.7237, -13.6069, 9.6070



17.5640, -2.8980, 0.1996



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.



25.1998, -8.7956, -1.5845



32.7680, -13.1096, -2.7827



20.5224, -1.8643, -8.2106



13.7272, -1.5864, 0.4190



31.4882, -16.1249, -4.5485



76.5051, -39.0743, -11.2744

Inverse Universe

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



19.5234, 14.3788, -9.0413



23.8740, 23.8242, -15.0939



22.5432, 1.7823, 8.1607



13.1385, 0.7152, -0.2216



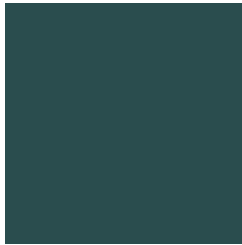
19.3103, 37.7512, -23.8145



46.9842, 91.8159, -57.6545

Previews

White Background



This preview shows how the HunterLab color 25.1993, -8.7954, -1.5849 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

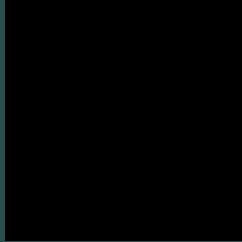
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

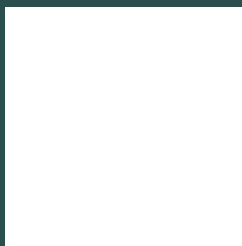
Any Text WCAG AAA × Fail

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

HunterLab 25.1993, -8.7954, -1.5849 Background



This preview shows how black text looks on a background with the HunterLab color 25.1993, -8.7954, -1.5849.



This preview shows how white text looks on a background with the HunterLab color 25.1993, -8.7954,

-1.5849.

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

25.1993, -8.7954, -1.5849

Protanopia

25.1803, -0.9099, 0.2455

Deuteranopia

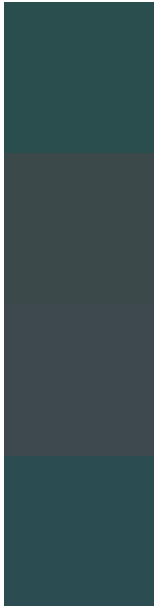
25.0824, 1.6525, -2.4553



Tritanopia

25.0832, -7.5761, -3.5453

Trichromacy



Original Color

25.1993, -8.7954, -1.5849

Protanomaly

24.9675, -4.2574, -0.4971

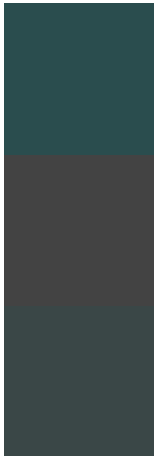
Deuteranomaly

24.9467, -2.7626, -2.2569

Tritanomaly

25.0531, -7.7489, -3.1209

Monochromacy



Original Color

25.1993, -8.7954, -1.5849

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.2094, -4.5016, 0.2396

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.1993, -8.7954, -1.5849 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(42, 77, 78)` looks like.

```
.text, #text, p{  
    color:rgb(42, 77, 78)  
}
```

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(42, 77, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 77, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 25.1993, -8.7954, -1.5849 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(42, 77, 78) }
```


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

```
.border{ border-color:rgb(42, 77, 78) }
```

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

Here you see how a box with a 4 pixel rgb(42, 77, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 77, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 77, 78);  
box-shadow:4px 4px 4px 4px rgb(42, 77, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.1993, -8.7954, -1.5849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 77, 78) }
```

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

```
.background{ background-color: rgb(42, 77,  
78) }
```

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