

Converting Colors

HunterLab(28.8822, -13.3253,
-4.6541)

Have a look what the booklet for
HunterLab(28.8822, -13.3253,
-4.6541) contains.

HunterLab(28.7698, -13.1808, -4.8146)	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(28.7698,
-13.1808, -4.8146)**

Conversions

Conversions Part 1

Format	Color
Hex	135A5F
RGB	19, 90, 95
RGB Percent	7%, 35%, 37%
CMY	0.9255, 0.6471, 0.6274
CMYK	0.80, 0.05, 0.00, 0.63
HSL	184°, 67%, 22%
HSV	184°, 80%, 37%
XYZ	5.9903, 8.2770, 12.1084
YIQ	69.3410, -43.9210, -13.4970

Conversions

Conversions Part 2

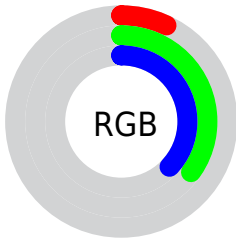
Format	Color
R_{YB}	19, 56, 95
Decimal	1268319
CIE _{Lab}	34.55, -18.92, -9.02
CIE _{LCh}	35, 20.961, 205.475
Yxy	8.2773, 0.2271, 0.3138
Android (android.graphics.Color)	4279458399 (0xFF135A5F)
YUV	69.3410, 12.6499, -44.1491
Hunter-Lab	28.7698, -13.1808, -4.8146

Details

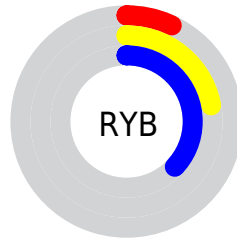
The HunterLab color **28.7698, -13.1808, -4.8146** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **17.7016, 21.0925, 9.2124**, and the grayscale version is **24.4841, -1.3064, 1.3303**.

A 20% lighter version of the original color is **47.3057, -16.5649, -4.7149**, and **14.2236, -6.6310, -3.4638** is the 20% darker color. If you saturate the color by 10%, you get **28.4520, -13.4763, -5.2651**, and if you desaturate by 10%, it is **29.1526, -12.6405, -4.2765**.

Distribution



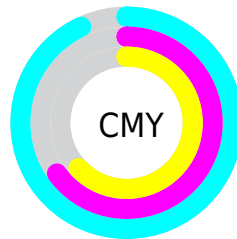
- Red (7%)
- Green (35%)
- Blue (37%)



- Red (7%)
- Yellow (22%)
- Blue (37%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)
- Black (63%)



- Cyan (93%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7698, -13.1808, -4.8146 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 28.7698, -13.1808, -4.8146 by changing the saturation by 10% instead.

■ 28.7698, -13.1808,
-4.8146

■ 28.7698, -13.1808,
-4.8146

■ 133.3759,
-27.6721, -2.7121

■ 20.6710, -11.3052,
-4.7311

■ 47.4345, -16.6410,
-4.7439

■ 13.5180, -9.2556,
-4.5554

■ 57.8686, -18.2841,
-4.6079

■ 7.1003, -11.9924,
-5.0135

■ 68.9721, -19.8915,
-4.4134

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.7070, -21.4736,
-4.1654

0.0000, NaN, NaN

■ 93.0409, -23.0377,
-3.8681

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9461,

-24.5896, -3.5249

0.0000, NaN, NaN

119.3982,
-26.1332, -3.1388

28.7698, -13.1808,
-4.8146

28.7698, -13.1808,
-4.8146

28.4520, -13.4763,
-5.2651

29.1526, -12.6405,
-4.2765

28.1598, -13.6720,
-5.6827

29.6035, -11.8426,
-3.6495

28.1596, -13.6721,
-5.6830

30.1257, -10.7827,
-2.9333

30.7209, -9.4631,
-2.1306

31.3895, -7.8917,
-1.2459

■ 32.1313, -6.0807,
-0.2850

■ 32.9451, -4.0456,
0.7455

■ 33.8291, -1.8035,
1.8387

■ 34.7813, 0.6270,
2.9874

Harmonies

Analogous

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



28.7703, -14.2753, 2.6032



28.7698, -13.1808, -4.8146



28.7703, -9.0928, -11.8055

Triad

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



28.7703, -13.1808, -4.8142



28.7703, 11.0127, -7.1105



28.7703, -0.4169, 11.9775

Complementary

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



28.7698, -13.1808, -4.8146



17.7016, 21.0925, 9.2124

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.



28.7703, 6.8900, 10.5630



28.7698, -13.1808, -4.8146



28.7703, 13.8952, 0.4888

Square

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



28.7703, -13.1808, -4.8142



28.7703, 4.7762, -13.3472



28.7703, 12.3162, 6.7539



28.7703, -7.3482, 11.2267

Rectangle

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



28.7698, -13.1808, -4.8146



28.7703, -4.9849, -14.6595



28.7703, 12.3162, 6.7539



28.7703, 2.0820, 11.7521

Sweetspot

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



28.7703, -13.1808, -4.8142



41.5802, -9.1138, -0.9782



28.9554, -22.8467, 15.8032



20.2426, -4.7326, -0.6234



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



28.7703, -13.1808, -4.8142



36.9229, -17.7594, -7.3344



18.7871, 1.4853, -22.5651



16.9368, -1.9532, 0.4420



33.5271, -16.2452, -6.8371



77.1674, -37.1481, -16.2605

Inverse Universe

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



19.0712, 30.2515, -17.7916



23.4592, 44.2542, -25.5117



24.0759, 6.0233, 13.4230



16.2047, 0.9700, -0.2809



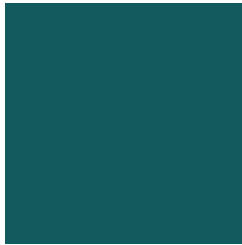
21.1520, 41.0276, -23.5729



48.8374, 94.6475, -53.8052

Previews

White Background



This preview shows how the HunterLab color 28.7698, -13.1808, -4.8146 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 28.7698, -13.1808, -4.8146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

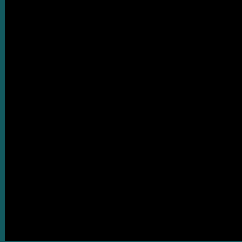
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

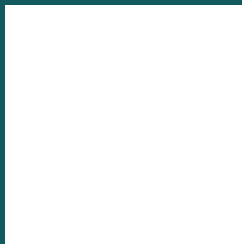
Any Text WCAG AAA × Fail

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

HunterLab 28.7698, -13.1808, -4.8146 Background



This preview shows how black text looks on a background with the HunterLab color 28.7698, -13.1808, -4.8146.



This preview shows how white text looks on a background with the HunterLab color 28.7698,

-13.1808, -4.8146.

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

28.7698, -13.1808, -4.8146

Protanopia

28.5728, -0.1492, -2.0079

Deuteranopia

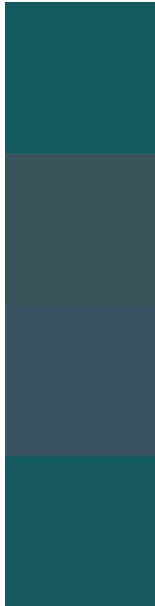
28.6433, 1.8913, -5.7266



Tritanopia

28.8701, -12.6644, -5.6577

Trichromacy



Original Color

28.7698, -13.1808, -4.8146

Protanomaly

28.2763, -6.5347, -3.4438

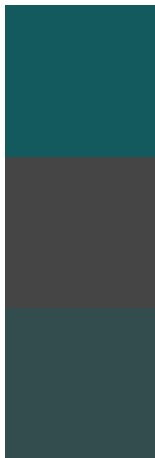
Deuteranomaly

28.1613, -5.2329, -6.0375

Tritanomaly

28.8194, -12.9248, -5.2346

Monochromacy



Original Color

28.7698, -13.1808, -4.8146

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.6157, -7.2381, -1.0255

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7698, -13.1808, -4.8146 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(19, 90, 95)` looks like.

```
.text, #text, p{  
    color:rgb(19, 90, 95)  
}
```

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(19, 90, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 90, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7698, -13.1808, -4.8146 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(19, 90, 95) }
```


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

```
.border{ border-color:rgb(19, 90, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 90, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 90, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 90, 95);  
box-shadow:4px 4px 4px 4px rgb(19, 90, 95)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7698, -13.1808, -4.8146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 90, 95) }
```

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

```
.background{ background-color: rgb(19, 90,  
95) }
```

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