

Converting Colors

HunterLab(28.8003, -9.4478,
-12.8933)

Have a look what the booklet for
HunterLab(28.8003, -9.4478,
-12.8933) contains.

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Color

**HunterLab(28.7118, -9.3832,
-12.9348)**

Conversions

Conversions Part 1

Format	Color
Hex	13586E
RGB	19, 88, 110
RGB Percent	7%, 35%, 43%
CMY	0.9255, 0.6549, 0.5686
CMYK	0.83, 0.20, 0.00, 0.57
HSL	195°, 71%, 25%
HSV	195°, 83%, 43%
XYZ	6.5727, 8.2437, 15.9966
YIQ	69.8770, -48.1860, -7.7860

Conversions

Conversions Part 2

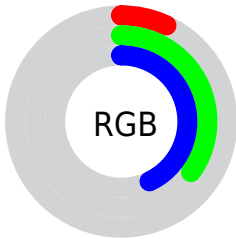
Format	Color
R _Y B	19, 58, 110
Decimal	1267822
CIE Lab	34.49, -12.38, -18.49
CIE LCh	34, 22.250, 236.194
Yxy	8.2440, 0.2133, 0.2675
Android (android.graphics.Color)	4279457902 (0xFF13586E)
YUV	69.8770, 19.7806, -44.6191
Hunter-Lab	28.7118, -9.3832, -12.9348

Details

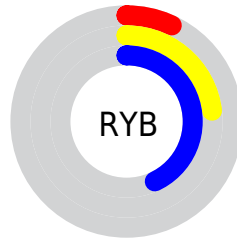
The HunterLab color **28.7118, -9.3832, -12.9348** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **22.2450, 19.9794, 12.4141**, and the grayscale version is **24.6500, -1.3153, 1.3393**.

A 20% lighter version of the original color is **47.3792, -11.9549, -13.7901**, and **14.1553, -3.3666, -10.4254** is the 20% darker color. If you saturate the color by 10%, you get **27.8000, -8.9036, -14.4877**, and if you desaturate by 10%, it is **29.7089, -9.5585, -11.3013**.

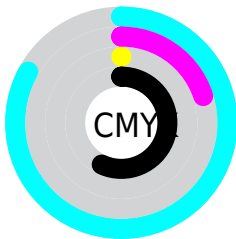
Distribution



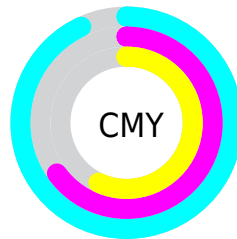
- Red (7%)
- Green (35%)
- Blue (43%)



- Red (7%)
- Yellow (23%)
- Blue (43%)



- Cyan (83%)
- Magenta (20%)
- Yellow (0%)
- Black (57%)



- Cyan (93%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7118, -9.3832, -12.9348 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 28.7118, -9.3832, -12.9348 by changing the saturation by 10% instead.

■ 28.7118, -9.3832,
-12.9348

■ 28.7118, -9.3832,
-12.9348

■ 133.2791,
-20.7050, -13.9896

■ 20.6190, -8.0304,
-12.5031

■ 47.3660, -11.9582,
-13.6082

■ 13.4729, -6.5903,
-12.0514

■ 57.7953, -13.2136,
-13.8419

■ 7.0471, -8.0310,
-12.9072

■ 68.8945, -14.4600,
-14.0098

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.6252, -15.7030,
-14.1157

0.0000, NaN, NaN

■ 92.9551, -16.9464,
-14.1632

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.8564,

-18.1932, -14.1560

0.0000, NaN, NaN

119.3049,
-19.4455, -14.0971

28.7118, -9.3832,
-12.9348

28.7118, -9.3832,
-12.9348

27.8000, -8.9036,
-14.4877

29.7089, -9.5585,
-11.3013

27.1562, -8.4865,
-15.6230

30.7935, -9.4179,
-9.5937

31.9657, -8.9662,
-7.8218

33.2239, -8.2160,
-5.9973

34.5650, -7.1849,
-4.1314

■ 35.9856, -5.8935,
-2.2345

■ 37.4817, -4.3636,
-0.3156

■ 39.0494, -2.6169,
1.6177

■ 40.6844, -0.6745,
3.5594

Harmonies

Analogous

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



28.7123, -13.7487, -5.4461



28.7118, -9.3832, -12.9348



28.7123, -2.5186, -16.5448

Triad

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



28.7123, -9.3831, -12.9343



28.7123, 14.9485, 0.6034



28.7123, -7.8361, 11.6155

Complementary

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



28.7118, -9.3832, -12.9348



22.2450, 19.9794, 12.4141

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.



28.7123, -0.5351, 12.4358



28.7118, -9.3832, -12.9348



28.7123, 13.1418, 7.1559

Square

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



28.7123, -9.3831, -12.9343



28.7123, 11.9671, -7.5235



28.7123, 7.2618, 11.0428



28.7123, -12.9245, 8.3999

Rectangle

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



28.7118, -9.3832, -12.9348



28.7123, 2.7538, -15.7121



28.7123, 7.2618, 11.0428



28.7123, -5.5832, 12.1364

Sweetspot

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



28.7123, -9.3831, -12.9343



47.1233, -8.3484, -3.7052



33.8309, -26.3239, 16.8300



22.4945, -4.2455, -2.1037



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



28.7123, -9.3831, -12.9343



35.8369, -10.9685, -20.9714



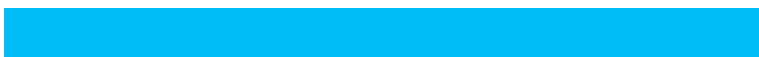
17.3549, 10.3278, -39.5229



19.1969, -1.8874, 0.2011



29.6868, -9.1928, -17.2613



65.2004, -19.0212, -40.4335

Inverse Universe

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



21.1793, 33.9423, -12.2018



26.3605, 48.9985, -15.2001



31.5840, 0.4232, 18.3122



18.5482, 1.0462, -0.0033



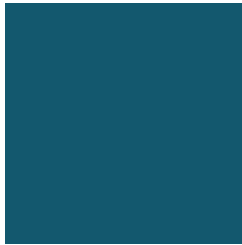
21.7612, 40.7277, -12.7668



48.4244, 90.3859, -26.5193

Previews

White Background



This preview shows how the HunterLab color 28.7118, -9.3832, -12.9348 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 28.7118, -9.3832, -12.9348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

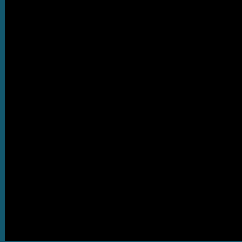
Any Text WCAG AA × Fail

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 28.7118, -9.3832, -12.9348 Background



This preview shows how black text looks on a background with the HunterLab color 28.7118, -9.3832, -12.9348.



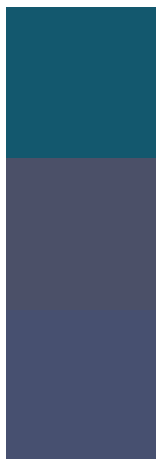
This preview shows how white text looks on a background with the HunterLab color 28.7118, -9.3832, -12.9348.

-12.9348.

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

28.7118, -9.3832, -12.9348

Protanopia

28.6926, 1.2304, -9.3611

Deuteranopia

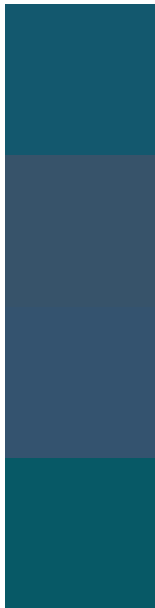
28.7172, 1.9067, -13.9202



Tritanopia

28.5926, -13.7422, -6.0729

Trichromacy



Original Color

28.7118, -9.3832, -12.9348

Protanomaly

28.3537, -3.8490, -11.1092

Deuteranomaly

28.3977, -3.3156, -13.9585

Tritanomaly

28.5469, -12.0754, -8.7288

Monochromacy



Original Color

28.7118, -9.3832, -12.9348

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.8214, -6.0688, -3.9292

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7118, -9.3832, -12.9348 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, 88, 110)` looks like.

```
.text, #text, p{  
    color:rgb(19, 88, 110)  
}
```

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, 88, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 88, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7118, -9.3832, -12.9348 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, 88, 110) }
```


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

```
.border{ border-color:rgb(19, 88, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 88, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 88, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 88, 110);  
box-shadow:4px 4px 4px 4px rgb(19, 88,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7118, -9.3832, -12.9348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 88, 110) }
```

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

```
.background{ background-color: rgb(19, 88,  
110) }
```

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](#).

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