

Converting Colors

HunterLab(28.8299, -3.0045,
-13.5276)

Have a look what the booklet for
HunterLab(28.8299, -3.0045,
-13.5276) contains.

HunterLab(28.8491, -3.0258, -13.7805)	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(28.8491, -3.0258,
-13.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	375470
RGB	55, 84, 112
RGB Percent	22%, 33%, 44%
CMY	0.7843, 0.6706, 0.5608
CMYK	0.51, 0.25, 0.00, 0.56
HSL	209°, 34%, 33%
HSV	209°, 51%, 44%
XYZ	7.6705, 8.3227, 16.5314
YIQ	78.5210, -26.2720, 2.5600

Conversions

Conversions Part 2

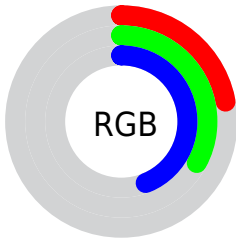
Format	Color
RYB	55, 74, 112
Decimal	3626096
CIELab	34.65, -2.23, -19.37
CIElCh	35, 19.502, 263.433
Yxy	8.3230, 0.2358, 0.2559
Android (android.graphics.Color)	4281816176 (0xFF375470)
YUV	78.5210, 16.5051, -20.6279
Hunter-Lab	28.8491, -3.0258, -13.7805

Details

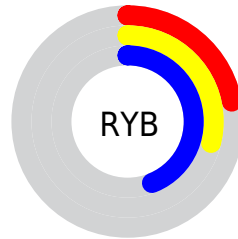
The HunterLab color **28.8491, -3.0258, -13.7805** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **31.4760, 4.2648, 12.6611**, and the grayscale version is **27.7391, -1.4801, 1.5071**.

A 20% lighter version of the original color is **47.3906, -4.1591, -14.8118**, and **13.4952, -1.7798, -13.0257** is the 20% darker color. If you saturate the color by 10%, you get **26.8719, -2.4213, -17.3066**, and if you desaturate by 10%, it is **30.9256, -3.3300, -10.3912**.

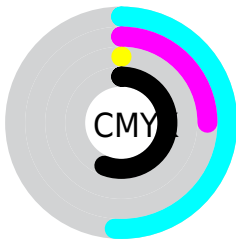
Distribution



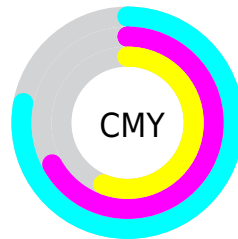
- Red (22%)
- Green (33%)
- Blue (44%)



- Red (22%)
- Yellow (29%)
- Blue (44%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (56%)



- Cyan (78%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8491, -3.0258, -13.7805 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 28.8491, -3.0258, -13.7805 by changing the saturation by 10% instead.

■ 28.8491, -3.0258,
-13.7805

■ 28.8491, -3.0258,
-13.7805

■ 133.5081, -9.6217,
-15.0852

■ 20.7420, -2.4348,
-13.3294

■ 47.5282, -4.2975,
-14.5061

■ 13.5797, -1.8727,
-12.8717

■ 57.9687, -4.9772,
-14.7683

■ 7.1723, -1.7382,
-13.6695

■ 69.0782, -5.6852,
-14.9651

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.8188, -6.4207,
-15.0997

0.0000, NaN, NaN

■ 93.1582, -7.1828,
-15.1757

0.0000, NaN, NaN

■ 106.0685, -7.9708,

0.0000, NaN, NaN

-15.1966

0.0000, NaN, NaN

119.5256, -8.7840,
-15.1655

■ 28.8491, -3.0258,
-13.7805

■ 28.8491, -3.0258,
-13.7805

■ 26.8719, -2.4213,
-17.3066

■ 30.9256, -3.3300,
-10.3912

■ 25.0029, -1.4799,
-20.9701

■ 33.0904, -3.3692,
-7.1353

■ 23.2535, -0.1685,
-24.7599

■ 35.3355, -3.1762,
-4.0034

■ 21.6340, 1.5357,
-28.6538

■ 37.6534, -2.7803,
-0.9848

■ 20.2346, 3.2888,
-32.3911

■ 40.0376, -2.2067,
1.9318

■ 42.4825, -1.4775,
4.7575

■ 44.9832, -0.6113,
7.5029

■ 47.5353, 0.3759,
10.1776

■ 50.1351, 1.4704,
12.7902

Harmonies

Analogous

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



28.8496, -8.9473, -10.3569



28.8491, -3.0258, -13.7805



28.8496, 3.8631, -12.3852

Triad

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



28.8496, -3.0259, -13.7799



28.8496, 11.5083, 6.1050



28.8496, -11.3385, 8.0593

Complementary

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



28.8491, -3.0258, -13.7805



31.4760, 4.2648, 12.6611

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.



28.8496, -6.5742, 10.8337



28.8491, -3.0258, -13.7805



28.8496, 6.6974, 9.9023

Square

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



28.8496, -3.0259, -13.7799



28.8496, 12.6813, 0.1065



28.8496, -0.0253, 11.4199



28.8496, -13.4501, 2.9614

Rectangle

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



28.8491, -3.0258, -13.7805



28.8496, 8.0427, -9.0403



28.8496, -0.0253, 11.4199



28.8496, -10.0167, 9.2418

Sweetspot

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



28.8496, -3.0259, -13.7799



48.5121, -3.9524, -3.0890



36.0810, -19.0424, 8.6005



23.5325, -1.9787, -1.8344



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



28.8496, -3.0259, -13.7799



35.1830, -3.0290, -23.7551



21.9224, 9.7753, -27.7793



18.8543, -1.3287, -0.2110



21.6503, 3.7355, -35.1250



46.4961, 11.8569, -83.7117

Inverse Universe

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



26.1104, 20.2692, -2.6026



31.4678, 33.2782, -3.6117



38.8594, -8.0050, 18.2896



18.5127, 0.8554, 0.5019



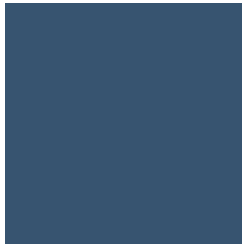
20.7822, 37.2101, 0.8717



46.1954, 82.3631, 4.6412

Previews

White Background



This preview shows how the HunterLab color 28.8491, -3.0258, -13.7805 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 28.8491, -3.0258, -13.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

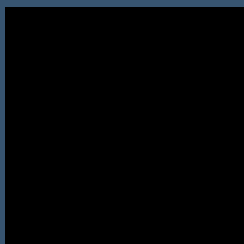
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

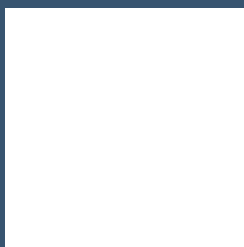
Any Text WCAG AAA × Fail

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

HunterLab 28.8491, -3.0258, -13.7805 Background



This preview shows how black text looks on a background with the HunterLab color 28.8491, -3.0258, -13.7805.

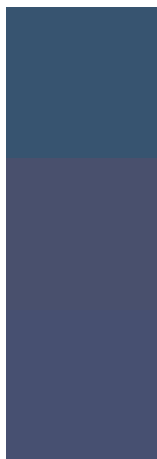


This preview shows how white text looks on a background with the HunterLab color 28.8491, -3.0258, -13.7805.

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

28.8491, -3.0258, -13.7805

Protanopia

28.7366, 1.7432, -12.1128

Deuteranopia

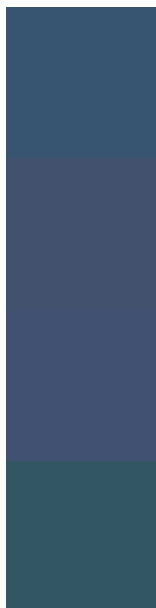
28.7562, 2.1155, -14.4549



Tritanopia

28.7707, -8.8101, -4.2489

Trichromacy



Original Color

28.8491, -3.0258, -13.7805

Protanomaly

28.5813, -0.0316, -12.9906

Deuteranomaly

28.6373, 0.3921, -14.6921

Tritanomaly

28.8079, -6.7802, -7.7067

Monochromacy



Original Color

28.8491, -3.0258, -13.7805

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.1821, -2.7236, -3.5047

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8491, -3.0258, -13.7805 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(55, 84, 112)` looks like.

```
.text, #text, p{  
    color:rgb(55, 84, 112)  
}
```

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(55, 84, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 84, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8491, -3.0258, -13.7805 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(55, 84, 112) }
```


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

```
.border{ border-color:rgb(55, 84, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 84, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 84, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 84, 112);  
box-shadow:4px 4px 4px 4px rgb(55, 84,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8491, -3.0258, -13.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 84, 112) }
```

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

```
.background{ background-color: rgb(55, 84,  
112) }
```

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