

Converting Colors

HunterLab(28.7616, -0.6776,
-13.2908)

Have a look what the booklet for
HunterLab(28.7616, -0.6776,
-13.2908) contains.

HunterLab(28.7616, -0.6776, -13.2908)	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(28.7616, -0.6776,
-13.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	40526F
RGB	64, 82, 111
RGB Percent	25%, 32%, 44%
CMY	0.7490, 0.6784, 0.5647
CMYK	0.42, 0.26, 0.00, 0.56
HSL	217°, 27%, 34%
HSV	217°, 42%, 44%
XYZ	8.0009, 8.2723, 16.2140
YIQ	79.9240, -20.0370, 5.2030

Conversions

Conversions Part 2

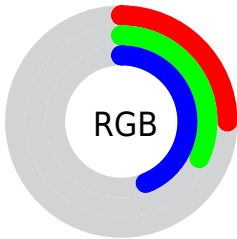
Format	Color
RYB	64, 77, 111
Decimal	4215407
CIELab	34.54, 1.27, -18.86
CIElCh	35, 18.906, 273.852
Yxy	8.2726, 0.2463, 0.2546
Android (android.graphics.Color)	4282405487 (0xFF40526F)
YUV	79.9240, 15.3205, -13.9653
Hunter-Lab	28.7616, -0.6776, -13.2908

Details

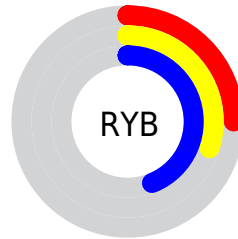
The HunterLab color **28.7616, -0.6776, -13.2908** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **34.0274, 0.2305, 12.5194**, and the grayscale version is **28.2478, -1.5072, 1.5348**.

A 20% lighter version of the original color is **47.3860, -1.3089, -14.1788**, and **13.6208, -0.1951, -12.0804** is the 20% darker color. If you saturate the color by 10%, you get **26.3720, 0.2729, -17.5560**, and if you desaturate by 10%, it is **31.2532, -1.3547, -9.2961**.

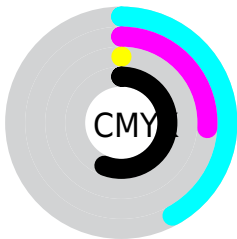
Distribution



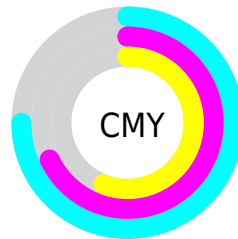
- Red (25%)
- Green (32%)
- Blue (44%)



- Red (25%)
- Yellow (30%)
- Blue (44%)



- Cyan (42%)
- Magenta (26%)
- Yellow (0%)
- Black (56%)



- Cyan (75%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7616, -0.6776, -13.2908 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 28.7616, -0.6776, -13.2908 by changing the saturation by 10% instead.

■ 28.7616, -0.6776,
-13.2908

■ 28.7616, -0.6776,
-13.2908

■ 133.3622, -5.6969,
-14.4527

■ 20.6637, -0.3337,
-12.8505

■ 47.4248, -1.5205,
-13.9867

■ 13.5116, -0.0518,
-12.3960

■ 57.8582, -2.0089,
-14.2326

■ 7.0928, 0.4015,
-13.2346

■ 68.9612, -2.5373,
-14.4129

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.6955, -3.1028,
-14.5311

0.0000, NaN, NaN

■ 93.0288, -3.7032,
-14.5908

0.0000, NaN, NaN

■ 105.9334, -4.3368,

0.0000, NaN, NaN

-14.5956

0.0000, NaN, NaN

119.3850, -5.0018,
-14.5486

■ 28.7616, -0.6776,
-13.2908

■ 28.7616, -0.6776,
-13.2908

■ 26.3720, 0.2729,
-17.5560

■ 31.2532, -1.3547,
-9.2961

■ 24.0974, 1.5450,
-22.1268

■ 33.8331, -1.7998,
-5.5386

■ 21.9560, 3.1902,
-27.0265

■ 36.4920, -2.0484,
-1.9842

■ 19.9684, 5.2570,
-32.2575

■ 39.2217, -2.1298,
1.3969

■ 18.1567, 7.7738,
-37.7855

■ 42.0155, -2.0682,
4.6312

■ 16.8526, 9.8615,
-42.3525

■ 44.8675, -1.8838,
7.7408

■ 47.7731, -1.5929,
10.7451

■ 50.7282, -1.2092,
13.6599

■ 53.7292, -0.7440,
16.4990

Harmonies

Analogous

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



28.7621, -6.9233, -11.5322



28.7616, -0.6776, -13.2908



28.7621, 5.8881, -10.3874

Triad

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



28.7621, -0.6778, -13.2902



28.7621, 9.7927, 7.5167



28.7621, -12.0747, 6.3983

Complementary

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



28.7616, -0.6776, -13.2908



34.0274, 0.2305, 12.5194

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.



28.7621, -8.2763, 9.9022



28.7616, -0.6776, -13.2908



28.7621, 4.2791, 10.4382

Square

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



28.7621, -0.6778, -13.2902



28.7621, 12.2681, 2.3657



28.7621, -2.3847, 11.2015



28.7621, -13.1456, 0.7418

Rectangle

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



28.7616, -0.6776, -13.2908



28.7621, 9.4578, -6.5140



28.7621, -2.3847, 11.2015



28.7621, -11.0925, 7.8208

Sweetspot

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



28.7621, -0.6778, -13.2902



48.4668, -2.7181, -3.1261



36.3993, -15.7672, 5.2904



23.4402, -1.3096, -1.9438



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.



28.7621, -0.6778, -13.2902



35.2747, 0.3723, -23.5211



24.6937, 8.7711, -20.7394



18.6829, -1.0456, -0.4200



18.1621, 11.0097, -46.4679



38.5654, 29.2950, -111.4428

Inverse Universe

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



27.6691, 15.5248, 0.2153



33.9100, 26.3946, 0.4490



38.4368, -9.2302, 16.0404



18.4951, 0.7609, 0.7518



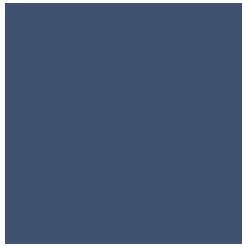
20.4422, 35.9689, 5.7592



45.4524, 79.6455, 15.3632

Previews

White Background



This preview shows how the HunterLab color 28.7616, -0.6776, -13.2908 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 28.7616, -0.6776, -13.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

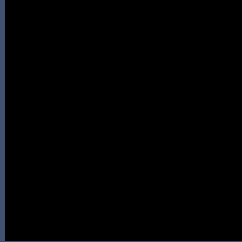
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

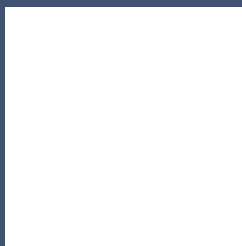
Any Text WCAG AAA × Fail

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

HunterLab 28.7616, -0.6776, -13.2908 Background



This preview shows how black text looks on a background with the HunterLab color 28.7616, -0.6776, -13.2908.



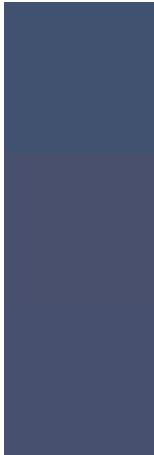
This preview shows how white text looks on a background with the HunterLab color 28.7616, -0.6776, -13.2908.

-13.2908.

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

28.7616, -0.6776, -13.2908

Protanopia

28.7366, 1.7432, -12.1128

Deuteranopia

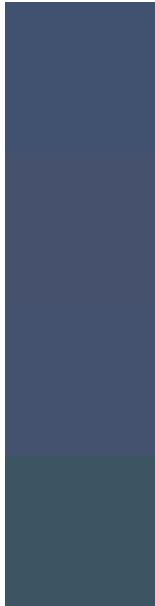
28.6786, 1.6998, -13.3901



Tritanopia

28.6348, -6.5755, -3.4353

Trichromacy



Original Color

28.7616, -0.6776, -13.2908

Protanomaly

28.8318, 0.8231, -12.5554

Deuteranomaly

28.7428, 0.5965, -13.3003

Tritanomaly

28.6942, -4.5115, -6.7887

Monochromacy



Original Color

28.7616, -0.6776, -13.2908

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.4535, -1.7722, -3.1220

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7616, -0.6776, -13.2908 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(64, 82, 111)` looks like.

```
.text, #text, p{  
    color:rgb(64, 82, 111)  
}
```

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(64, 82, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 82, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7616, -0.6776, -13.2908 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(64, 82, 111) }
```


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

```
.border{ border-color:rgb(64, 82, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 82, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 82, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 82, 111);  
box-shadow:4px 4px 4px 4px rgb(64, 82,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7616, -0.6776, -13.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 82, 111) }
```

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

```
.background{ background-color: rgb(64, 82,  
111) }
```

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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