

Converting Colors

HunterLab(28.9157, -8.6643,
-17.4382)

Have a look what the booklet for
HunterLab(28.9157, -8.6643,
-17.4382) contains.

HunterLab(28.7879, -8.4650, -17.7088)	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(28.7879, -8.4650,
-17.7088)**

Conversions

Conversions Part 1

Format	Color
Hex	005876
RGB	0, 88, 118
RGB Percent	0%, 35%, 46%
CMY	0.9999, 0.6549, 0.5373
CMYK	1.00, 0.25, 0.00, 0.54
HSL	195°, 100%, 23%
HSV	195°, 100%, 46%
XYZ	6.7597, 8.2874, 18.3829
YIQ	65.1080, -62.0780, -9.3260

Conversions

Conversions Part 2

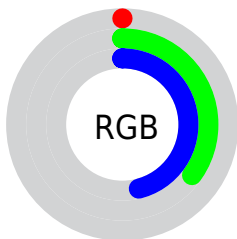
Format	Color
RYB	0, 50, 118
Decimal	22646
CIELab	34.58, -10.84, -23.34
CIELCh	35, 25.733, 245.098
Yxy	8.2877, 0.2022, 0.2479
Android (android.graphics.Color)	4278212726 (0xFF005876)
YUV	65.1080, 26.0758, -57.0997
Hunter-Lab	28.7879, -8.4650, -17.7088

Details

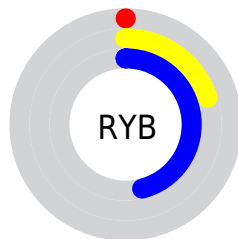
The HunterLab color **28.7879, -8.4650, -17.7088** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **21.8652, 26.5226, 13.9364**, and the grayscale version is **22.9583, -1.2250, 1.2474**.

A 20% lighter version of the original color is **47.4711, -10.9985, -18.4396**, and **14.6882, -2.1518, -13.7137** is the 20% darker color. If you saturate the color by 10%, you get **28.7872, -8.4639, -17.7104**, and if you desaturate by 10%, it is **29.7779, -9.1900, -15.9382**.

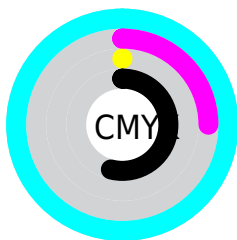
Distribution



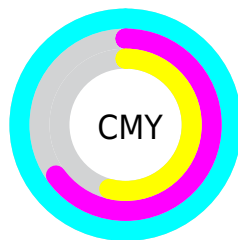
- Red (0%)
- Green (35%)
- Blue (46%)



- Red (0%)
- Yellow (20%)
- Blue (46%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7879, -8.4650, -17.7088 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 28.7879, -8.4650, -17.7088 by changing the saturation by 10% instead.

■ 28.7879, -8.4650,
-17.7088

■ 28.7879, -8.4650,
-17.7088

■ 133.4060,
-19.0519, -20.0927

■ 20.6872, -7.2326,
-17.1974

■ 47.4558, -10.8354,
-18.6445

■ 13.5320, -5.9328,
-16.7634

■ 57.8914, -12.0011,
-19.0283

■ 7.1168, -7.0146,
-18.0874

■ 68.9963, -13.1638,
-19.3502

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.7325, -14.3280,
-19.6111

0.0000, NaN, NaN

■ 93.0676, -15.4969,
-19.8132

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9740,

-16.6728, -19.9590

0.0000, NaN, NaN

■ 119.4272,
-17.8574, -20.0513

■ 28.7879, -8.4650,
-17.7088

■ 28.7879, -8.4650,
-17.7088

■ 28.7872, -8.4639,
-17.7104

■ 29.7779, -9.1900,
-15.9382

■ 30.8273, -9.7069,
-14.1390

■ 31.9724, -9.8803,
-12.2557

■ 33.2148, -9.7072,
-10.2983

■ 34.5532, -9.1960,
-8.2795

■ 35.9851, -8.3634,
-6.2124

■ 37.5066, -7.2304,
-4.1093

■ 39.1137, -5.8208,
-1.9812

■ 40.8016, -4.1589,
0.1628

Harmonies

Analogous

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



28.7884, -14.3665, -9.5895



28.7879, -8.4650, -17.7088



28.7884, 0.0154, -20.1111

Triad

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



28.7884, -8.4647, -17.7082



28.7884, 17.7957, 2.9910



28.7884, -10.8230, 12.0403

Complementary

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



28.7879, -8.4650, -17.7088



21.8652, 26.5226, 13.9364

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.



28.7884, -3.0584, 13.6104



28.7879, -8.4650, -17.7088



28.7884, 14.0248, 9.5130

Square

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



28.7884, -8.4647, -17.7082



28.7884, 15.8906, -6.2578



28.7884, 6.1135, 12.8527



28.7884, -15.6063, 7.6700

Rectangle

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



28.7879, -8.4650, -17.7088



28.7884, 6.1725, -17.6701



28.7884, 6.1135, 12.8527



28.7884, -8.5130, 12.8400

Sweetspot

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



28.7884, -8.4647, -17.7082



49.5771, -9.7150, -5.6621



36.1224, -30.0724, 19.7693



23.4488, -4.9111, -3.1567



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



28.7884, -8.4647, -17.7082



37.8901, -10.8211, -23.9997



14.8731, 18.6443, -58.8344



20.0130, -1.9478, 0.1802



29.9080, -8.7550, -18.4830



64.9349, -17.7696, -42.8036

Inverse Universe

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



21.3459, 39.8526, -11.7937



28.2656, 52.7116, -15.1143



33.0365, 1.6345, 20.3848



19.3463, 1.1013, 0.0136



22.1968, 41.4372, -12.2028



48.8529, 90.9500, -24.9276

Previews

White Background



This preview shows how the HunterLab color 28.7879, -8.4650, -17.7088 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 28.7879, -8.4650, -17.7088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

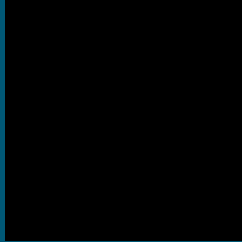
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

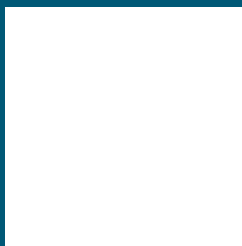
Any Text WCAG AAA × Fail

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

HunterLab 28.7879, -8.4650, -17.7088 Background



This preview shows how black text looks on a background with the HunterLab color 28.7879, -8.4650, -17.7088.

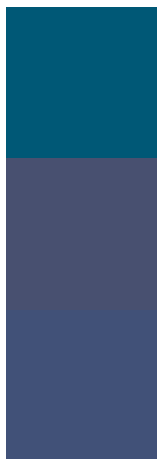


This preview shows how white text looks on a background with the HunterLab color 28.7879, -8.4650, -17.7088.

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

28.7879, -8.4650, -17.7088

Protanopia

28.7835, 2.1292, -13.8026

Deuteranopia

28.9219, 1.9246, -18.5720



Tritanopia

28.8881, -14.1058, -5.6573

Trichromacy



Original Color

28.7879, -8.4650, -17.7088

Protanomaly

28.2529, -3.5918, -16.0616

Deuteranomaly

28.5376, -3.5637, -18.7376

Tritanomaly

28.8656, -12.1383, -9.8765

Monochromacy



Original Color

28.7879, -8.4650, -17.7088

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.2417, -6.3630, -5.6878

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7879, -8.4650, -17.7088 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(0, 88, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 118)  
}
```

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(0, 88, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7879, -8.4650, -17.7088 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(0, 88, 118) }
```


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

```
.border{ border-color:rgb(0, 88, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 88, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 88, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 88, 118)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7879, -8.4650, -17.7088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 118) }
```

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

```
.background{ background-color: rgb(0, 88,  
118) }
```

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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