

Converting Colors

HunterLab(47.8118, -28.5238,
2.1933)

Have a look what the booklet for
HunterLab(47.8118, -28.5238,
2.1933) contains.

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Color

**HunterLab(47.8025,
-28.5790, 2.3224)**

Conversions

Conversions Part 1

Format	Color
Hex	059483
RGB	5, 148, 131
RGB Percent	2%, 58%, 51%
CMY	0.9803, 0.4196, 0.4863
CMYK	0.97, 0.00, 0.11, 0.42
HSL	173°, 93%, 30%
HSV	173°, 97%, 58%
XYZ	14.7492, 22.8508, 25.1061
YIQ	103.3050, -79.7710, -35.6030

Conversions

Conversions Part 2

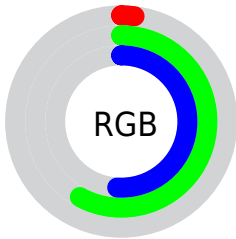
Format	Color
RYB	5, 81, 148
Decimal	365699
CIELab	54.92, -36.99, -0.37
CIELCh	55, 36.997, 180.569
Yxy	22.8517, 0.2352, 0.3644
Android (android.graphics.Color)	4278555779 (0xFF059483)
YUV	103.3050, 13.6536, -86.2135
Hunter-Lab	47.8025, -28.5790, 2.3224

Details

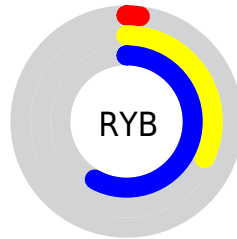
The HunterLab color **47.8025, -28.5790, 2.3224** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **25.4225, 42.6639, 14.6397**, and the grayscale version is **36.9179, -1.9698, 2.0058**.

A 20% lighter version of the original color is **69.4603, -34.0991, 3.4964**, and **29.9582, -18.4296, 2.3391** is the 20% darker color. If you saturate the color by 10%, you get **47.7526, -28.8173, 2.5216**, and if you desaturate by 10%, it is **47.9731, -27.7974, 1.7560**.

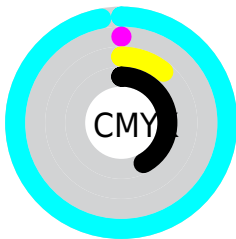
Distribution



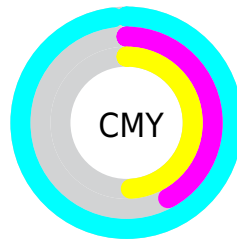
- Red (2%)
- Green (58%)
- Blue (51%)



- Red (2%)
- Yellow (32%)
- Blue (58%)



- Cyan (97%)
- Magenta (0%)
- Yellow (11%)
- Black (42%)



- Cyan (98%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8025, -28.5790, 2.3224 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 47.8025, -28.5790, 2.3224 by changing the saturation by 10% instead.

47.8025, -28.5790,
2.3224

47.8025, -28.5790,
2.3224

163.3898,
-50.7584, 8.4740

38.0579, -25.6592,
1.8128

69.3899, -33.9982,
3.4613

29.0828, -22.5347,
1.3463

81.1472, -36.5575,
4.0844

20.9510, -19.1224,
0.9279

93.5025, -39.0432,
4.7409

13.7612, -15.4337,
0.5640

106.4280,
-41.4692, 5.4292

7.3796, -12.9143,
0.1953

119.8997,
-43.8461, 6.1478

0.0000, NaN, NaN

0.0000, NaN, NaN

133.8962,

-46.1823, 6.8955

0.0000, NaN, NaN

148.3986,
-48.4846, 7.6712

0.0000, NaN, NaN

■ 47.8025, -28.5790,
2.3224

■ 47.8025, -28.5790,
2.3224

■ 47.7526, -28.8173,
2.5216

■ 47.9731, -27.7974,
1.7560

■ 48.2359, -26.6470,
1.2986

■ 48.6102, -25.0624,
0.9769

■ 49.1060, -23.0167,
0.8061

■ 49.7304, -20.4991,
0.7965

■ 50.4881, -17.5125,
0.9543

■ 51.3814, -14.0715,
1.2815

■ 52.4111, -10.2001,
1.7767

■ 53.5762, -5.9290,
2.4351

Harmonies

Analogous

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



47.8034, -25.5918, 14.4215



47.8025, -28.5790, 2.3224



47.8034, -25.3574, -13.9491

Triad

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



47.8034, -28.5792, 2.3230



47.8034, 13.3637, -28.3461



47.8034, 12.7939, 21.1349

Complementary

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



47.8025, -28.5790, 2.3224



25.4225, 42.6639, 14.6397

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.



47.8034, 25.5352, 14.7687



47.8025, -28.5790, 2.3224



47.8034, 25.8923, -13.3103

Square

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



47.8034, -28.5792, 2.3230



47.8034, -2.2603, -34.7385



47.8034, 30.5999, 2.8795



47.8034, -2.8454, 22.9929

Rectangle

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



47.8025, -28.5790, 2.3224



47.8034, -19.8556, -24.4849



47.8034, 30.5999, 2.8795



47.8034, 17.6247, 19.5760

Sweetspot

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



47.8034, -28.5792, 2.3230



67.8789, -20.1096, 1.5498



46.2458, -38.4861, 27.6380



32.2105, -10.4594, 0.6592



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



47.8034, -28.5792, 2.3230



63.4168, -38.3574, 3.5372



32.3402, -3.8711, -31.5058



25.5939, -3.3987, 1.0808



44.1356, -26.6149, 2.2883



4.9104, -2.7788, -0.1390

Inverse Universe

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



25.4225, 42.6639, 14.6397



33.4210, 57.4165, 20.1851



30.4591, 27.1345, 18.9634



24.1370, 0.8540, 1.6757



23.2728, 40.0210, 13.7549



2.6168, 4.5830, 0.9036

Previews

White Background



This preview shows how the HunterLab color 47.8025, -28.5790, 2.3224 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.8025, -28.5790, 2.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

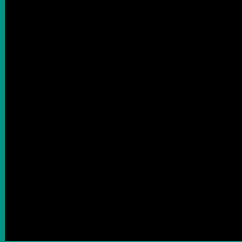
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 47.8025, -28.5790, 2.3224 Background



This preview shows how black text looks on a background with the HunterLab color 47.8025, -28.5790, 2.3224.



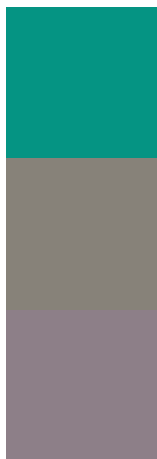
This preview shows how white text looks on a background with the HunterLab color 47.8025,

-28.5790, 2.3224.

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

47.8025, -28.5790, 2.3224

Protanopia

47.4306, -2.3711, 6.5729

Deuteranopia

47.5595, 3.1613, 0.3236



Tritanopia

47.7265, -20.6482, -10.0257

Trichromacy



Original Color

47.8025, -28.5790, 2.3224

Protanomaly

46.3106, -16.7834, 3.4027

Deuteranomaly

46.1784, -13.6283, -0.7418

Tritanomaly

47.5294, -23.6736, -5.5611

Monochromacy



Original Color

47.8025, -28.5790, 2.3224

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

39.4705, -15.2925, 0.5863

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8025, -28.5790, 2.3224 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(5, 148, 131)` looks like.

```
.text, #text, p{  
    color:rgb(5, 148, 131)  
}
```

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(5, 148, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 148, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8025, -28.5790, 2.3224 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(5, 148, 131) }
```


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

```
.border{ border-color:rgb(5, 148, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 148, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 148, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 148, 131);  
box-shadow:4px 4px 4px 4px rgb(5, 148,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8025, -28.5790, 2.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 148, 131) }
```

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

```
.background{ background-color: rgb(5, 148,  
131) }
```

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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