

Converting Colors

HunterLab(50.0265, -27.8657,
3.0816)

Have a look what the booklet for
HunterLab(50.0265, -27.8657,
3.0816) contains.

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Color

**HunterLab(50.0240,
-27.8828, 3.1689)**

Conversions

Conversions Part 1

Format	Color
Hex	2A9987
RGB	42, 153, 135
RGB Percent	16%, 60%, 53%
CMY	0.8353, 0.4000, 0.4706
CMYK	0.73, 0.00, 0.12, 0.40
HSL	170°, 57%, 38%
HSV	170°, 73%, 60%
XYZ	16.7193, 25.0240, 26.8706
YIQ	117.7590, -60.3780, -29.1300

Conversions

Conversions Part 2

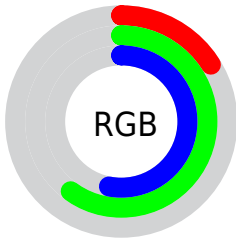
Format	Color
RYB	42, 102, 153
Decimal	2791815
CIELab	57.10, -34.93, 0.58
CIElCh	57, 34.932, 179.043
Yxy	25.0250, 0.2437, 0.3647
Android (android.graphics.Color)	4280981895 (0xFF2A9987)
YUV	117.7590, 8.4998, -66.4406
Hunter-Lab	50.0240, -27.8828, 3.1689

Details

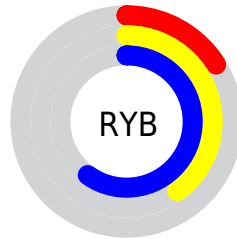
The HunterLab color **50.0240, -27.8828, 3.1689** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.5892, 37.3888, 10.3193**, and the grayscale version is **42.4564, -2.2654, 2.3067**.

A 20% lighter version of the original color is **71.8927, -33.0974, 4.4838**, and **31.5646, -19.6486, 2.9626** is the 20% darker color. If you saturate the color by 10%, you get **49.6916, -29.3549, 3.8363**, and if you desaturate by 10%, it is **50.4799, -25.9405, 2.6402**.

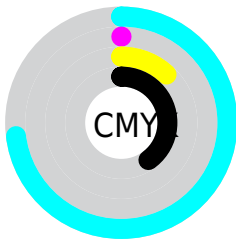
Distribution



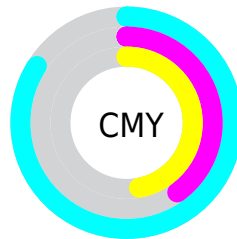
- Red (16%)
- Green (60%)
- Blue (53%)



- Red (16%)
- Yellow (40%)
- Blue (60%)



- Cyan (73%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (84%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0240, -27.8828, 3.1689 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 50.0240, -27.8828, 3.1689 by changing the saturation by 10% instead.

■ 50.0240, -27.8828,
3.1689

■ 50.0240, -27.8828,
3.1689

166.7220,
-49.0040, 9.7438

■ 40.1194, -25.1423,
2.5983

■ 71.9011, -33.0006,
4.4182

■ 30.9707, -22.2253,
2.0657

■ 83.7914, -35.4292,
5.0920

■ 22.6477, -19.0626,
1.5745

■ 96.2732, -37.7940,
5.7967

■ 15.2423, -15.5363,
1.1284

■ 109.3198,
-40.1072, 6.5311

■ 8.8656, -15.5148,
0.7554

■ 122.9076,
-42.3780, 7.2939

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.0160,

-44.6140, 8.0843

0.0000, NaN, NaN

151.6264,
-46.8210, 8.9012

0.0000, NaN, NaN

■ 50.0240, -27.8828,
3.1689

■ 50.0240, -27.8828,
3.1689

■ 49.6916, -29.3549,
3.8363

■ 50.4799, -25.9405,
2.6402

■ 49.4671, -30.3949,
4.6203

■ 51.0655, -23.5073,
2.2640

■ 49.3425, -30.9991,
5.2443

■ 51.7879, -20.5794,
2.0517

■ 52.6509, -17.1666,
2.0101

■ 53.6562, -13.2900,
2.1420

■ 54.8035, -8.9790,
2.4466

■ 56.0911, -4.2694,
2.9199

■ 57.5160, 0.7993,
3.5553

■ 59.0740, 6.1865,
4.3444

Harmonies

Analogous

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



50.0250, -24.6505, 14.6602



50.0240, -27.8828, 3.1689



50.0250, -25.0359, -12.1457

Triad

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



50.0250, -27.8831, 3.1695



50.0250, 11.7827, -26.9013



50.0250, 12.6925, 20.7110

Complementary

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



50.0240, -27.8828, 3.1689



29.5892, 37.3888, 10.3193

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.



50.0250, 24.4761, 14.0836



50.0240, -27.8828, 3.1689



50.0250, 23.9097, -13.1529

Square

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



50.0250, -27.8831, 3.1695



50.0250, -3.1426, -32.2539



50.0250, 28.7967, 2.2723



50.0250, -2.1995, 22.8187

Rectangle

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



50.0240, -27.8828, 3.1689



50.0250, -19.8632, -22.0971



50.0250, 28.7967, 2.2723



50.0250, 17.2088, 19.0536

Sweetspot

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



50.0250, -27.8831, 3.1695



71.8196, -17.7239, 2.8698



48.9152, -35.5940, 26.8625



33.5855, -8.9502, 1.3179



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



50.0250, -27.8831, 3.1695



66.2968, -40.2060, 5.7649



39.0947, -9.2842, -21.7792



26.4752, -3.5758, 1.2396



44.8615, -28.1534, 4.7021



5.5221, -3.2203, 0.0496

Inverse Universe

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



29.5892, 37.3888, 10.3193



36.2305, 57.5831, 17.6378



35.4011, 20.4967, 18.5033



24.9764, 0.9415, 1.6163



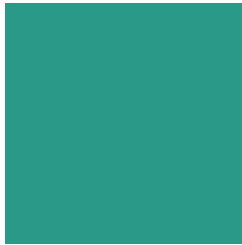
23.7866, 40.9911, 13.3875



2.9700, 5.2388, 0.7365

Previews

White Background



This preview shows how the HunterLab color 50.0240, -27.8828, 3.1689 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 50.0240, -27.8828, 3.1689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

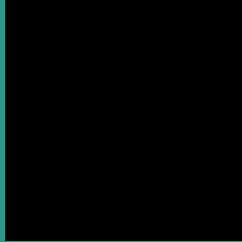
Any Text WCAG AA ✓ Pass

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 50.0240, -27.8828, 3.1689 Background



This preview shows how black text looks on a background with the HunterLab color 50.0240, -27.8828, 3.1689.



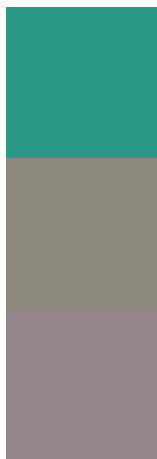
This preview shows how white text looks on a background with the HunterLab color 50.0240, -27.8828, 3.1689.

-27.8828, 3.1689.

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

50.0240, -27.8828, 3.1689

Protanopia

49.7511, -2.7843, 7.4856

Deuteranopia

49.6909, 3.5560, 1.0778



Tritanopia

49.9088, -20.0611, -9.6538

Trichromacy



Original Color

50.0240, -27.8828, 3.1689

Protanomaly

48.9226, -14.6083, 4.7201

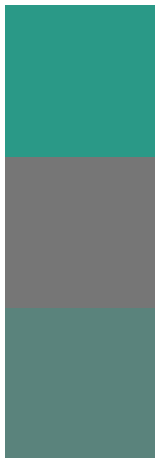
Deuteranomaly

48.8286, -11.3422, 0.6931

Tritanomaly

49.7830, -22.7987, -5.1017

Monochromacy



Original Color

50.0240, -27.8828, 3.1689

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

44.5662, -14.0233, 1.8473

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0240, -27.8828, 3.1689 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(42, 153, 135)` looks like.

```
.text, #text, p{  
    color:rgb(42, 153, 135)  
}
```

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(42, 153, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 153, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0240, -27.8828, 3.1689 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(42, 153, 135) }
```


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

```
.border{ border-color:rgb(42, 153, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 153, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 153, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 153, 135);  
box-shadow:4px 4px 4px 4px rgb(42, 153,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0240, -27.8828, 3.1689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 153, 135) }
```

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

```
.background{ background-color: rgb(42, 153,  
135) }
```

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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