

Converting Colors

HunterLab(50.9363, -27.9556,
1.2102)

Have a look what the booklet for
HunterLab(50.9363, -27.9556,
1.2102) contains.

HunterLab(50.8013, -27.7531, 0.9503)	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(50.8013,
-27.7531, 0.9503)**

Conversions

Conversions Part 1

Format	Color
Hex	269B8E
RGB	38, 155, 142
RGB Percent	15%, 61%, 56%
CMY	0.8510, 0.3921, 0.4431
CMYK	0.75, 0.00, 0.08, 0.39
HSL	173°, 61%, 38%
HSV	173°, 75%, 61%
XYZ	17.4031, 25.8077, 29.6553
YIQ	118.5350, -65.5590, -28.8470

Conversions

Conversions Part 2

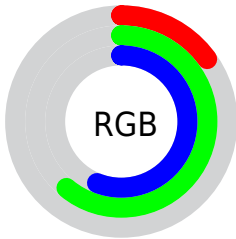
Format	Color
R_{YB}	38, 100, 155
Decimal	2530190
CIE _{Lab}	57.86, -34.41, -2.31
CIE _{LCh}	58, 34.491, 183.834
Yxy	25.8087, 0.2388, 0.3542
Android (android.graphics.Color)	4280720270 (0xFF269B8E)
YUV	118.5350, 11.5682, -70.6292
Hunter-Lab	50.8013, -27.7531, 0.9503

Details

The HunterLab color **50.8013, -27.7531, 0.9503** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.3164, 38.8648, 12.4091**, and the grayscale version is **42.7466, -2.2809, 2.3225**.

A 20% lighter version of the original color is **72.7752, -32.6705, 1.7244**, and **32.3623, -19.2267, 1.0548** is the 20% darker color. If you saturate the color by 10%, you get **50.5189, -28.9841, 1.3768**, and if you desaturate by 10%, it is **51.2048, -26.0599, 0.6722**.

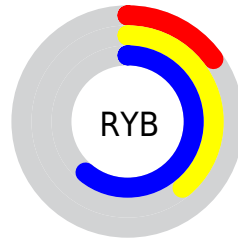
Distribution



Red (15%)

Green (61%)

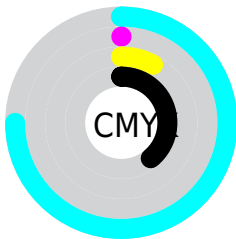
Blue (56%)



Red (15%)

Yellow (39%)

Blue (61%)

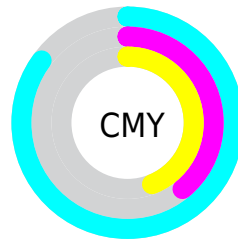


Cyan (75%)

Magenta (0%)

Yellow (8%)

Black (39%)



Cyan (85%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8013, -27.7531, 0.9503 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 50.8013, -27.7531, 0.9503 by changing the saturation by 10% instead.

50.8013, -27.7531,
0.9503

50.8013, -27.7531,
0.9503

167.8814,
-48.6067, 6.4624

40.8419, -25.0587,
0.5313

72.7779, -32.7938,
1.9240

31.6339, -22.1956,
0.1622

84.7138, -35.1891,
2.4708

23.2457, -19.0981,
-0.1501

97.2392, -37.5234,
3.0545

15.7670, -15.6553,
-0.3965

110.3274,
-39.8081, 3.6729

9.3252, -16.3192,
-0.5637

123.9553,
-42.0523, 4.3243

0.0000, NaN, NaN

0.0000, NaN, NaN

138.1022,

-44.2631, 5.0072

0.0000, NaN, NaN

152.7498,
-46.4463, 5.7203

0.0000, NaN, NaN

■ 50.8013, -27.7531,
0.9503

■ 50.8013, -27.7531,
0.9503

■ 50.5189, -28.9841,
1.3768

■ 51.2048, -26.0599,
0.6722

■ 50.3387, -29.8065,
1.9269

■ 51.7369, -23.8766,
0.5561

■ 50.2713, -30.1223,
2.1906

■ 52.4058, -21.1929,
0.6128

■ 53.2162, -18.0129,
0.8480

■ 54.1707, -14.3530,
1.2633

■ 55.2697, -10.2391,
1.8562

■ 56.5121, -5.7047,
2.6212

■ 57.8953, -0.7877,
3.5503

■ 59.4155, 4.4714,
4.6336

Harmonies

Analogous

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



50.8023, -25.4920, 13.1697



50.8013, -27.7531, 0.9503



50.8023, -23.9531, -14.4237

Triad

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



50.8023, -27.7533, 0.9509



50.8023, 13.8452, -24.7265



50.8023, 10.2405, 21.3408

Complementary

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



50.8013, -27.7531, 0.9503



29.3164, 38.8648, 12.4091

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.



50.8023, 22.7151, 15.4785



50.8013, -27.7531, 0.9503



50.8023, 24.9555, -10.4466

Square

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



50.8023, -27.7533, 0.9509



50.8023, -0.8266, -31.6594



50.8023, 28.3702, 4.5151



50.8023, -4.5731, 22.8170

Rectangle

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



50.8013, -27.7531, 0.9503



50.8023, -18.2117, -23.7976



50.8023, 28.3702, 4.5151



50.8023, 14.8990, 19.9186

Sweetspot

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



50.8023, -27.7533, 0.9509



72.7755, -18.1368, 1.8327



49.2995, -37.5022, 27.5156



34.4006, -9.4730, 0.7615



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



50.8023, -27.7533, 0.9509



67.4186, -39.6333, 2.3668



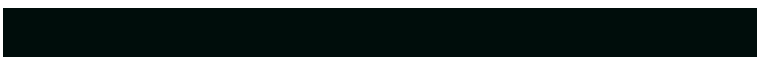
37.3683, -6.5987, -26.2932



26.4853, -3.5193, 1.0946



45.0571, -26.9725, 1.9085



5.5357, -3.1384, -0.1443

Inverse Universe

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



29.3164, 38.8648, 12.4091



36.1387, 59.1781, 20.2259



36.4323, 19.2908, 19.8020



24.9666, 0.8884, 1.7571



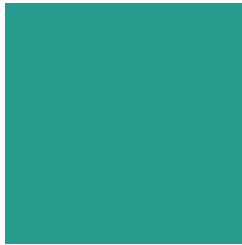
23.7347, 40.7989, 14.1551



2.9459, 5.1503, 1.0865

Previews

White Background



This preview shows how the HunterLab color 50.8013, -27.7531, 0.9503 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 50.8013, -27.7531, 0.9503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

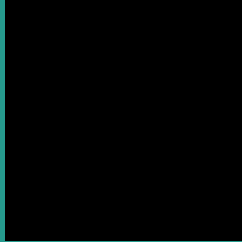
Any Text WCAG AA ✓ Pass

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 50.8013, -27.7531, 0.9503 Background



This preview shows how black text looks on a background with the HunterLab color 50.8013, -27.7531, 0.9503.



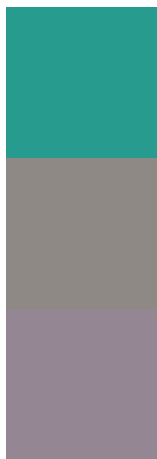
This preview shows how white text looks on a background with the HunterLab color 50.8013,

-27.7531, 0.9503.

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

50.8013, -27.7531, 0.9503

Protanopia

50.3071, -1.9372, 5.2373

Deuteranopia

50.4506, 3.7175, -1.2876



Tritanopia

50.8595, -21.1087, -9.9740

Trichromacy



Original Color

50.8013, -27.7531, 0.9503

Protanomaly

49.6660, -14.5822, 2.5427

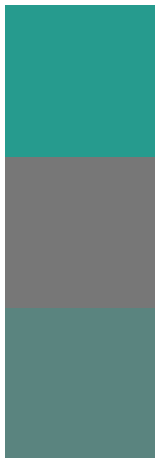
Deuteranomaly

49.5767, -11.2637, -1.6848

Tritanomaly

50.7810, -23.6116, -5.8451

Monochromacy



Original Color

50.8013, -27.7531, 0.9503

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

44.9539, -13.9523, 0.9742

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8013, -27.7531, 0.9503 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(38, 155, 142)` looks like.

```
.text, #text, p{  
    color:rgb(38, 155, 142)  
}
```

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(38, 155, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 155, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8013, -27.7531, 0.9503 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(38, 155, 142) }
```


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

```
.border{ border-color:rgb(38, 155, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 155, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 155, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 155, 142);  
box-shadow:4px 4px 4px 4px rgb(38, 155,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.8013, -27.7531, 0.9503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 155, 142) }
```

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

```
.background{ background-color: rgb(38, 155,  
142) }
```

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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