

Converting Colors

HunterLab(40.6066, -27.5131,
14.7226)

Have a look what the booklet for
HunterLab(40.6066, -27.5131,
14.7226) contains.

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Color

**HunterLab(40.4938,
-27.3817, 14.7263)**

Conversions

Conversions Part 1

Format	Color
Hex	28804B
RGB	40, 128, 75
RGB Percent	16%, 50%, 29%
CMY	0.8431, 0.4980, 0.7059
CMYK	0.69, 0.00, 0.41, 0.50
HSL	144°, 52%, 33%
HSV	144°, 69%, 50%
XYZ	9.8643, 16.3975, 9.3017
YIQ	95.6460, -35.4350, -35.1390

Conversions

Conversions Part 2

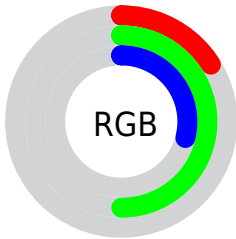
Format	Color
R_{YB}	40, 103, 128
Decimal	2654283
CIE _{Lab}	47.49, -38.70, 21.38
CIE _{LCh}	47, 44.217, 151.077
Yxy	16.3981, 0.2774, 0.4611
Android (android.graphics.Color)	4280844363 (0xFF28804B)
YUV	95.6460, -10.1785, -48.8015
Hunter-Lab	40.4938, -27.3817, 14.7263

Details

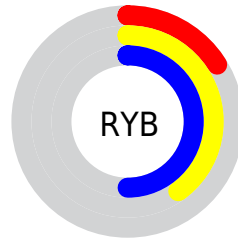
The HunterLab color $40.4938, -27.3817, 14.7263$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $26.2630, 33.1337, -6.6172$, and the grayscale version is $34.1160, -1.8203, 1.8536$.

A 20% lighter version of the original color is $61.1538, -33.4932, 18.6088$, and $23.5425, -18.7663, 11.0849$ is the 20% darker color. If you saturate the color by 10%, you get $40.1042, -29.2398, 16.2815$, and if you desaturate by 10%, it is $41.0007, -25.0482, 13.0763$.

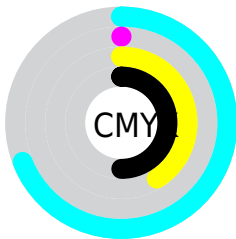
Distribution



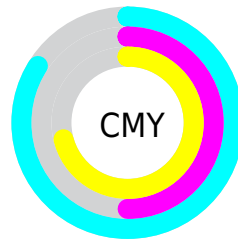
- Red (16%)
- Green (50%)
- Blue (29%)



- Red (16%)
- Yellow (40%)
- Blue (50%)



- Cyan (69%)
- Magenta (0%)
- Yellow (41%)
- Black (50%)



- Cyan (84%)
- Magenta (50%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4938, -27.3817, 14.7263 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 40.4938, -27.3817, 14.7263 by changing the saturation by 10% instead.

40.4938, -27.3817,
14.7263

40.4938, -27.3817,
14.7263

152.2103,
-50.8487, 30.2326

31.3151, -24.1865,
12.7582

61.0639, -33.2196,
18.4115

22.9581, -20.7121,
10.6572

72.3567, -35.9453,
20.1719

15.5144, -16.8298,
8.5156

84.2707, -38.5780,
21.8962

9.1075, -15.9382,
6.3753

96.7752, -41.1357,
23.5936

0.0000, NaN, NaN

0.0000, NaN, NaN

109.8435,
-43.6320, 25.2711

0.0000, NaN, NaN

123.4521,

0.0000, NaN, NaN

-46.0776, 26.9341

0.0000, NaN, NaN

137.5806,
-48.4809, 28.5868

■ 40.4938, -27.3817,
14.7263

■ 40.4938, -27.3817,
14.7263

■ 40.1042, -29.2398,
16.2815

■ 41.0007, -25.0482,
13.0763

■ 39.8214, -30.6380,
17.7221

■ 41.6279, -22.2379,
11.3508

■ 39.6183, -31.6818,
19.0184

■ 42.3793, -18.9652,
9.5708

■ 39.5944, -31.8044,
19.1669

■ 43.2559, -15.2552,
7.7571

■ 44.2570, -11.1417,
5.9291

■ 45.3807, -6.6635,
4.1049

■ 46.6236, -1.8624,
2.3002

■ 47.9816, 3.2194,
0.5280

■ 49.4501, 8.5409,
-1.2009

Harmonies

Analogous

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



40.4946, -17.9585, 21.0318



40.4938, -27.3817, 14.7263



40.4946, -30.3685, 1.6041

Triad

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



40.4946, -27.3822, 14.7266



40.4946, -1.5349, -43.9803



40.4946, 30.4866, 15.3836

Complementary

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



40.4938, -27.3817, 14.7263



26.2630, 33.1337, -6.6172

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.



40.4946, 36.7995, 2.7953



40.4938, -27.3817, 14.7263



40.4946, 16.5000, -35.3949

Square

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



40.4946, -27.3822, 14.7266



40.4946, -17.0422, -36.4799



40.4946, 31.3001, -16.3037



40.4946, 15.2334, 21.2836

Rectangle

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



40.4938, -27.3817, 14.7263



40.4946, -28.7862, -10.9228



40.4946, 31.3001, -16.3037



40.4946, 33.8293, 12.0217

Sweetspot

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



40.4946, -27.3822, 14.7266



58.3439, -16.3261, 8.5307



42.4100, -20.5698, 22.9660



28.0812, -8.5119, 4.3970



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.4946, -27.3822, 14.7266



53.0034, -39.8242, 22.6059



41.4631, -21.5502, 0.7810



22.0111, -3.3128, 2.0233



39.4267, -31.6673, 19.0807

0.0000, NaN, NaN

Inverse Universe

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



26.2630, 33.1337, -6.6172



31.8799, 50.8249, -7.8092



25.1787, 28.5518, 8.8374



20.9388, 1.1048, 0.3347



22.5464, 40.9747, -3.7515

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.4938, -27.3817, 14.7263 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 × Fail

Black Background



This preview shows how the HunterLab color 40.4938, -27.3817, 14.7263 looks on a black 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

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

HunterLab 40.4938, -27.3817, 14.7263 Background



This preview shows how black text looks on a background with the HunterLab color 40.4938, -27.3817, 14.7263.



This preview shows how white text looks on a background with the HunterLab color 40.4938,

-27.3817, 14.7263.

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

40.4938, -27.3817, 14.7263

Protanopia

40.1940, -4.1941, 16.3888

Deuteranopia

40.1013, 2.7274, 13.5370



Tritanopia

40.3412, -13.9708, -6.9453

Trichromacy



Original Color

40.4938, -27.3817, 14.7263

Protanomaly

39.6070, -15.0983, 15.2176

Deuteranomaly

39.3245, -11.3909, 13.1650

Tritanomaly

40.3979, -19.6837, 2.4765

Monochromacy



Original Color

40.4938, -27.3817, 14.7263

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

36.0086, -12.9256, 6.7602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4938, -27.3817, 14.7263 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(40, 128, 75)` looks like.

```
.text, #text, p{  
    color:rgb(40, 128, 75)  
}
```

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(40, 128, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 128, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4938, -27.3817, 14.7263 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(40, 128, 75) }
```


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

```
.border{ border-color:rgb(40, 128, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 128, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 128, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 128, 75);  
box-shadow:4px 4px 4px 4px rgb(40, 128,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4938, -27.3817, 14.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 128, 75) }
```

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

```
.background{ background-color: rgb(40, 128,  
75) }
```

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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