

Converting Colors

HunterLab(38.0841, -19.8861,
17.2944)

Have a look what the booklet for
HunterLab(38.0841, -19.8861,
17.2944) contains.

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Color

**HunterLab(38.0841,
-19.8861, 17.2944)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7538
RGB	75, 117, 56
RGB Percent	29%, 46%, 22%
CMY	0.7059, 0.5412, 0.7804
CMYK	0.36, 0.00, 0.52, 0.54
HSL	101°, 35%, 34%
HSV	101°, 52%, 46%
XYZ	9.9768, 14.5040, 6.0151
YIQ	97.4880, -5.4510, -27.8750

Conversions

Conversions Part 2

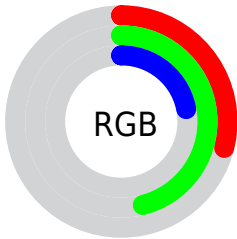
Format	Color
RYB	56, 117, 98
Decimal	4945208
CIELab	44.95, -26.84, 28.91
CIELCh	45, 39.452, 132.878
Yxy	14.5046, 0.3271, 0.4756
Android (android.graphics.Color)	4283135288 (0xFF4B7538)
YUV	97.4880, -20.4536, -19.7220
Hunter-Lab	38.0841, -19.8861, 17.2944

Details

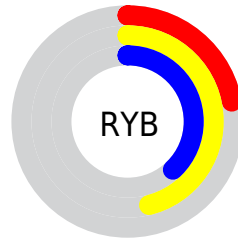
The HunterLab color $[38.0841, -19.8861, 17.2944]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[25.9034, 21.2552, -22.1893]$, and the grayscale version is $[34.8330, -1.8586, 1.8925]$.

A 20% lighter version of the original color is $[58.1473, -24.1201, 22.0537]$, and $[20.9131, -14.8975, 11.8930]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.5482, -22.2928, 18.9370]$, and if you desaturate by 10%, it is $[38.7021, -17.1416, 15.2427]$.

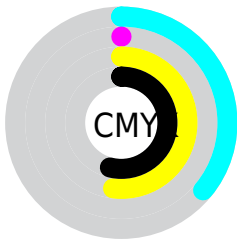
Distribution



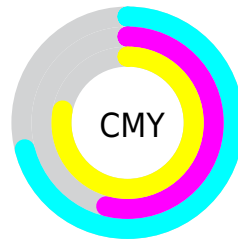
- Red (29%)
- Green (46%)
- Blue (22%)



- Red (22%)
- Yellow (46%)
- Blue (38%)



- Cyan (36%)
- Magenta (0%)
- Yellow (52%)
- Black (54%)



- Cyan (71%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0841, -19.8861, 17.2944 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 38.0841, -19.8861, 17.2944 by changing the saturation by 10% instead.

■ 38.0841, -19.8861,
17.2944

■ 38.0841, -19.8861,
17.2944

148.4412,
-37.8324, 36.5990

■ 29.1075, -17.5412,
14.7013

■ 58.2939, -24.2299,
22.0494

■ 20.9731, -15.0118,
11.8933

■ 69.4230, -26.2854,
24.2781

■ 13.7805, -12.2009,
9.6463

■ 81.1821, -28.2878,
26.4370

■ 7.4012, -12.9522,
5.1809

■ 93.5390, -30.2489,
28.5410

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.4661,
-32.1777, 30.6013

0.0000, NaN, NaN

■ 119.9394,

0.0000, NaN, NaN

-34.0811, 32.6268

0.0000, NaN, NaN

133.9374,
-35.9645, 34.6241

■ 38.0841, -19.8861,
17.2944

■ 38.0841, -19.8861,
17.2944

■ 37.5482, -22.2928,
18.9370

■ 38.7021, -17.1416,
15.2427

■ 37.0907, -24.3508,
20.1753

■ 39.3998, -14.0717,
12.7843

■ 36.7102, -26.0594,
21.0264

■ 40.1777, -10.6960,
9.9300

■ 36.4034, -27.4266,
21.5212

■ 41.0345, -7.0370,
6.6962

■ 36.2025, -28.3245,
21.8120

■ 41.9685, -3.1187,
3.1034

■ 42.9776, 1.0337,
-0.8250

■ 44.0593, 5.3954,
-5.0640

■ 45.2110, 9.9420,
-9.5879

■ 46.4297, 14.6505,
-14.3713

Harmonies

Analogous

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



38.0849, -8.3075, 20.3935



38.0841, -19.8861, 17.2944



38.0849, -26.0525, 9.3576

Triad

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



38.0849, -19.8869, 17.2947



38.0849, -10.2309, -35.0223



38.0849, 30.7009, 7.7430

Complementary

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



38.0841, -19.8861, 17.2944



25.9034, 21.2552, -22.1893

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.



38.0849, 29.9696, -7.0137



38.0841, -19.8861, 17.2944



38.0849, 4.6736, -36.0073

Square

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



38.0849, -19.8869, 17.2947



38.0849, -21.1047, -21.9931



38.0849, 19.8667, -24.3142



38.0849, 21.7314, 16.5120

Rectangle

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



38.0841, -19.8861, 17.2944



38.0849, -26.9650, 0.6561



38.0849, 19.8667, -24.3142



38.0849, 31.6178, 3.4376

Sweetspot

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



38.0849, -19.8869, 17.2947



54.4068, -11.5551, 10.8719



35.6992, -0.5288, 15.7742



26.0017, -5.9086, 5.5381



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.



38.0849, -19.8869, 17.2947



50.0824, -30.5609, 25.8031



37.3785, -22.3791, 14.1712



20.3677, -2.8836, 2.7707



37.9893, -29.7726, 22.8876



83.6191, -66.7474, 50.3572

Inverse Universe

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



25.9034, 21.2552, -22.1893



30.6549, 35.7889, -38.7724



27.6541, 24.8207, -11.6543



19.2444, 0.8360, -0.7286



18.2011, 38.9444, -48.5049



39.5910, 85.2180, -109.4324

Previews

White Background



This preview shows how the HunterLab color 38.0841, -19.8861, 17.2944 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 38.0841, -19.8861, 17.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

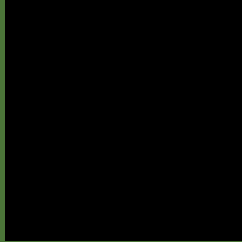
Any Text WCAG AA × Fail

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 38.0841, -19.8861, 17.2944 Background



This preview shows how black text looks on a background with the HunterLab color 38.0841, -19.8861, 17.2944.



This preview shows how white text looks on a background with the HunterLab color 38.0841,

-19.8861, 17.2944.

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

38.0841, -19.8861, 17.2944

Protanopia

37.8654, -4.4632, 18.1674

Deuteranopia

37.8163, 2.3706, 16.6413



Tritanopia

37.9672, -6.9600, -3.9811

Trichromacy



Original Color

38.0841, -19.8861, 17.2944

Protanomaly

37.7276, -10.6765, 17.7675

Deuteranomaly

37.5265, -6.9088, 16.4654

Tritanomaly

37.9528, -12.7546, 5.8751

Monochromacy



Original Color

38.0841, -19.8861, 17.2944

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.5439, -9.0035, 8.4287

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0841, -19.8861, 17.2944 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(75, 117, 56)` looks like.

```
.text, #text, p{  
    color:rgb(75, 117, 56)  
}
```

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(75, 117, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 117, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0841, -19.8861, 17.2944 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(75, 117, 56) }
```


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

```
.border{ border-color:rgb(75, 117, 56) }
```

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

Here you see how a box with a 4 pixel rgb(75, 117, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 117, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 117, 56);  
box-shadow:4px 4px 4px 4px rgb(75, 117,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0841, -19.8861, 17.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 117, 56) }
```

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

```
.background{ background-color: rgb(75, 117,  
56) }
```

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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