

Converting Colors

HunterLab(38.5699, -19.9567,
14.4723)

Have a look what the booklet for
HunterLab(38.5699, -19.9567,
14.4723) contains.

HunterLab(38.6981, -20.2077, 14.6142)	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(38.6981,
-20.2077, 14.6142)**

Conversions

Conversions Part 1

Format	Color
Hex	477746
RGB	71, 119, 70
RGB Percent	28%, 47%, 27%
CMY	0.7216, 0.5333, 0.7255
CMYK	0.40, 0.00, 0.41, 0.53
HSL	119°, 26%, 37%
HSV	119°, 41%, 47%
XYZ	10.3008, 14.9754, 8.1420
YIQ	99.0620, -12.8790, -25.4150

Conversions

Conversions Part 2

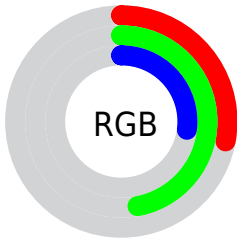
Format	Color
RYB	70, 119, 118
Decimal	4683590
CIELab	45.60, -27.13, 21.95
CIELCh	46, 34.900, 141.031
Yxy	14.9761, 0.3082, 0.4481
Android (android.graphics.Color)	4282873670 (0xFF477746)
YUV	99.0620, -14.3276, -24.6104
Hunter-Lab	38.6981, -20.2077, 14.6142

Details

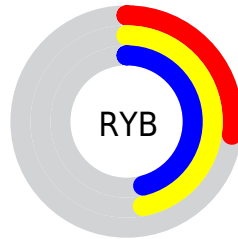
The HunterLab color $[38.6981, -20.2077, 14.6142]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[30.9261, 20.8658, -14.0392]$, and the grayscale version is $[35.4025, -1.8890, 1.9235]$.

A 20% lighter version of the original color is $[59.1393, -24.6910, 18.5118]$, and $[21.4708, -15.3358, 10.4220]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.0014, -23.3473, 16.7410]$, and if you desaturate by 10%, it is $[39.5290, -16.5521, 12.1240]$.

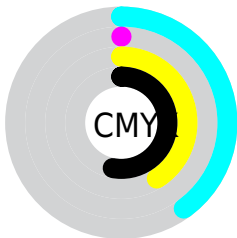
Distribution



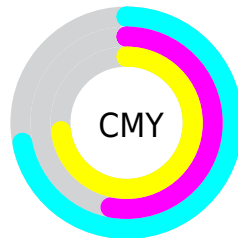
- Red (28%)
- Green (47%)
- Blue (27%)



- Red (27%)
- Yellow (47%)
- Blue (46%)



- Cyan (40%)
- Magenta (0%)
- Yellow (41%)
- Black (53%)



- Cyan (72%)
- Magenta (53%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.6981, -20.2077, 14.6142 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 38.6981, -20.2077, 14.6142 by changing the saturation by 10% instead.

■ 38.6981, -20.2077,
14.6142

■ 38.6981, -20.2077,
14.6142

149.4059,
-38.2633, 30.4467

■ 29.6692, -17.8509,
12.5809

■ 59.0010, -24.5766,
18.4013

■ 21.4771, -15.3115,
10.3996

■ 70.1724, -26.6448,
20.2033

■ 14.2191, -12.4950,
8.5102

■ 81.9714, -28.6597,
21.9648

■ 7.8747, -13.7807,
5.5123

■ 94.3664, -30.6331,
23.6960

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.3299,
-32.5740, 25.4045

0.0000, NaN, NaN

120.8381,

0.0000, NaN, NaN

-34.4892, 27.0963

0.0000, NaN, NaN

134.8697,
-36.3842, 28.7758

■ 38.6981, -20.2077,
14.6142

■ 38.6981, -20.2077,
14.6142

■ 38.0014, -23.3473,
16.7410

■ 39.5290, -16.5521,
12.1240

■ 37.4351, -25.9426,
18.4864

■ 40.4910, -12.4167,
9.2950

■ 36.9960, -27.9838,
19.8449

■ 41.5827, -7.8482,
6.1591

■ 36.6776, -29.4794,
20.8245

■ 42.8002, -2.8971,
2.7509

■ 36.4701, -30.4600,
21.4490

■ 44.1388, 2.3854,
-0.8940

■ 36.3454, -31.0555,
21.8522

■ 45.5931, 7.9495,
-4.7409

■ 47.1572, 13.7487,
-8.7573

■ 48.8248, 19.7414,
-12.9140

■ 50.5899, 25.8909,
-17.1852

Harmonies

Analogous

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



38.6989, -10.9264, 18.7640



38.6981, -20.2077, 14.6142



38.6989, -24.4630, 5.7526

Triad

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



38.6989, -20.2084, 14.6145



38.6989, -6.0210, -30.9698



38.6989, 25.1832, 9.9433

Complementary

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



38.6981, -20.2077, 14.6142



30.9261, 20.8658, -14.0392

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.



38.6989, 26.9692, -1.9330



38.6981, -20.2077, 14.6142



38.6989, 7.6690, -28.6514

Square

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



38.6989, -20.2084, 14.6145



38.6989, -17.0398, -22.3493



38.6989, 20.1883, -16.8029



38.6989, 15.5976, 16.7788

Rectangle

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



38.6981, -20.2077, 14.6142



38.6989, -24.3404, -2.9082



38.6989, 20.1883, -16.8029



38.6989, 26.7629, 6.5286

Sweetspot

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



38.6989, -20.2084, 14.6145



55.4705, -11.2188, 8.7343



41.4404, -7.4016, 17.1153



26.9310, -5.7640, 4.4599



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



38.6989, -20.2084, 14.6145



50.9311, -30.8811, 22.1581



39.0952, -17.7686, 8.1202



20.2520, -3.2975, 2.6365



37.4615, -32.0127, 22.5231



82.6692, -70.7866, 49.7011

Inverse Universe

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



30.9261, 20.8658, -14.0392



38.5934, 34.7155, -23.6245



30.2483, 17.3828, -2.8121



19.3761, 1.2797, -0.5541



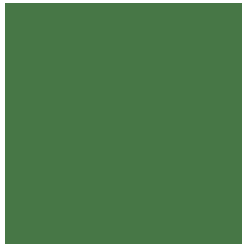
23.2407, 45.8890, -32.1802



51.2574, 101.2328, -71.1639

Previews

White Background



This preview shows how the HunterLab color 38.6981, -20.2077, 14.6142 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 38.6981, -20.2077, 14.6142 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 38.6981, -20.2077, 14.6142 Background



This preview shows how black text looks on a background with the HunterLab color 38.6981, -20.2077, 14.6142.



This preview shows how white text looks on a background with the HunterLab color 38.6981, -20.2077, 14.6142.

-20.2077, 14.6142.

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

38.6981, -20.2077, 14.6142

Protanopia

38.6010, -4.2828, 15.7940

Deuteranopia

38.4501, 2.2940, 13.7430



Tritanopia

38.6843, -8.5825, -4.5331

Trichromacy



Original Color

38.6981, -20.2077, 14.6142

Protanomaly

38.3444, -10.9481, 15.2251

Deuteranomaly

38.1368, -7.1345, 13.5752

Tritanomaly

38.4948, -13.3938, 3.7220

Monochromacy



Original Color

38.6981, -20.2077, 14.6142

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.2443, -9.0796, 7.0717

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.6981, -20.2077, 14.6142 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(71, 119, 70)` looks like.

```
.text, #text, p{  
    color:rgb(71, 119, 70)  
}
```

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(71, 119, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 119, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 38.6981, -20.2077, 14.6142 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(71, 119, 70) }
```


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

```
.border{ border-color:rgb(71, 119, 70) }
```

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

Here you see how a box with a 4 pixel rgb(71, 119, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 119, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 119, 70);  
box-shadow:4px 4px 4px 4px rgb(71, 119,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.6981, -20.2077, 14.6142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 119, 70) }
```

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

```
.background{ background-color: rgb(71, 119,  
70) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor