

Converting Colors

HunterLab(38.9763, -20.5049,
19.4367)

Have a look what the booklet for
HunterLab(38.9763, -20.5049,
19.4367) contains.

HunterLab(39.1262, -20.6849, 19.5099)	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(39.1262,
-20.6849, 19.5099)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7830
RGB	79, 120, 48
RGB Percent	31%, 47%, 19%
CMY	0.6902, 0.5294, 0.8118
CMYK	0.34, 0.00, 0.60, 0.53
HSL	94°, 43%, 33%
HSV	94°, 60%, 47%
XYZ	10.4744, 15.3086, 5.1991
YIQ	99.5330, -1.3240, -31.0840

Conversions

Conversions Part 2

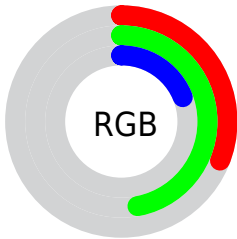
Format	Color
RYB	48, 120, 89
Decimal	5208112
CIELab	46.05, -27.76, 34.43
CIELCh	46, 44.227, 128.874
Yxy	15.3093, 0.3381, 0.4941
Android (android.graphics.Color)	4283398192 (0xFF4F7830)
YUV	99.5330, -25.4058, -18.0074
Hunter-Lab	39.1262, -20.6849, 19.5099

Details

The HunterLab color $[39.1262, -20.6849, 19.5099]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[23.6522, 23.2673, -29.5635]$, and the grayscale version is $[35.6164, -1.9004, 1.9351]$.

A 20% lighter version of the original color is $[59.6452, -25.1884, 25.0702]$, and $[21.8350, -15.6490, 13.1807]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.6589, -22.7721, 20.8627]$, and if you desaturate by 10%, it is $[39.6616, -18.3040, 17.7278]$.

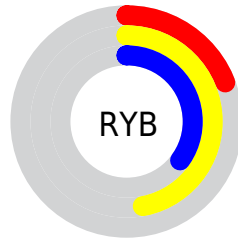
Distribution



Red (31%)

Green (47%)

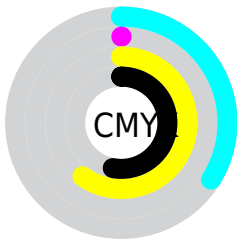
Blue (19%)



Red (19%)

Yellow (47%)

Blue (35%)

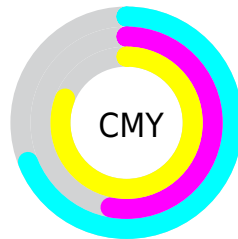


Cyan (34%)

Magenta (0%)

Yellow (60%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.1262, -20.6849, 19.5099 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 39.1262, -20.6849, 19.5099 by changing the saturation by 10% instead.

■ 39.1262, -20.6849,
19.5099

■ 39.1262, -20.6849,
19.5099

150.0768,
-39.0152, 41.5485

■ 30.0611, -18.2887,
16.4987

■ 59.4935, -25.1259,
25.0095

■ 21.8292, -15.7069,
13.2884

■ 70.6941, -27.2270,
27.5724

■ 14.5263, -12.8450,
10.1684

■ 82.5209, -29.2733,
30.0449

■ 8.1873, -14.3277,
5.7311

■ 94.9422, -31.2766,
32.4447

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.9309,
-33.2461, 34.7853

0.0000, NaN, NaN

■ 121.4632,

0.0000, NaN, NaN

-35.1889, 37.0774

0.0000, NaN, NaN

135.5181,
-37.1104, 39.3295

■ 39.1262, -20.6849,
19.5099

■ 39.1262, -20.6849,
19.5099

■ 38.6589, -22.7721,
20.8627

■ 39.6616, -18.3040,
17.7278

■ 38.2554, -24.5622,
21.8034

■ 40.2633, -15.6331,
15.5077

■ 37.9140, -26.0619,
22.3622

■ 40.9325, -12.6834,
12.8504

■ 37.6228, -27.3350,
22.7044

■ 41.6688, -9.4690,
9.7632

■ 37.6228, -27.3351,
22.7045

■ 42.4715, -6.0059,
6.2589

■ 43.3394, -2.3122,
2.3544

■ 44.2709, 1.5934,
-1.9300

■ 45.2644, 5.6919,
-6.5721

■ 46.3178, 9.9644,
-11.5485

Harmonies

Analogous

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



39.1270, -7.0411, 22.1594



39.1262, -20.6849, 19.5099



39.1270, -28.3114, 11.8210

Triad

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



39.1270, -20.6857, 19.5102



39.1270, -13.2646, -39.8034



39.1270, 36.0490, 6.6604

Complementary

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



39.1262, -20.6849, 19.5099



23.6522, 23.2673, -29.5635

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.



39.1270, 33.6066, -10.9254



39.1262, -20.6849, 19.5099



39.1270, 3.1206, -43.1802

Square

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



39.1270, -20.6857, 19.5102



39.1270, -24.5671, -23.0710



39.1270, 20.7954, -30.9466



39.1270, 26.9874, 17.1299

Rectangle

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



39.1262, -20.6849, 19.5099



39.1270, -29.8693, 2.7402



39.1270, 20.7954, -30.9466



39.1270, 36.5748, 1.5094

Sweetspot

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



39.1270, -20.6857, 19.5102



55.4203, -11.8629, 12.2594



33.6431, 3.9206, 15.8710



26.8585, -6.3002, 6.4873



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.



39.1270, -20.6857, 19.5102



51.0571, -31.1394, 28.1996



37.8381, -25.7698, 17.6242



21.2756, -2.8392, 2.9596



39.2851, -28.5934, 23.7067



85.5191, -63.6218, 51.5826

Inverse Universe

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



23.6522, 23.2673, -29.5635



27.0183, 38.2765, -51.2644



27.1105, 30.9695, -18.3583



19.9891, 0.6998, -0.8495



16.8074, 37.5849, -57.3692



36.0068, 81.2608, -128.6540

Previews

White Background



This preview shows how the HunterLab color 39.1262, -20.6849, 19.5099 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 39.1262, -20.6849, 19.5099 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 39.1262, -20.6849, 19.5099 Background



This preview shows how black text looks on a background with the HunterLab color 39.1262, -20.6849, 19.5099.



This preview shows how white text looks on a background with the HunterLab color 39.1262,

-20.6849, 19.5099.

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

39.1262, -20.6849, 19.5099

Protanopia

38.9765, -4.8836, 20.1552

Deuteranopia

38.7632, 2.7313, 18.7818



Tritanopia

39.2289, -6.6109, -3.7713

Trichromacy



Original Color

39.1262, -20.6849, 19.5099

Protanomaly

38.8223, -11.1914, 19.7787

Deuteranomaly

38.4105, -6.7793, 18.7153

Tritanomaly

39.1094, -12.9933, 7.4586

Monochromacy



Original Color

39.1262, -20.6849, 19.5099

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.5852, -9.5912, 9.7600

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.1262, -20.6849, 19.5099 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(79, 120, 48)` looks like.

```
.text, #text, p{  
    color:rgb(79, 120, 48)  
}
```

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(79, 120, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 120, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 39.1262, -20.6849, 19.5099 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(79, 120, 48) }
```


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

```
.border{ border-color:rgb(79, 120, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 120, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 120, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 120, 48);  
box-shadow:4px 4px 4px 4px rgb(79, 120,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.1262, -20.6849, 19.5099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 120, 48) }
```

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

```
.background{ background-color: rgb(79, 120,  
48) }
```

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