

Converting Colors

HunterLab(38.4137, -20.2949,
16.0742)

Have a look what the booklet for
HunterLab(38.4137, -20.2949,
16.0742) contains.

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Color

**HunterLab(38.3321,
-20.2902, 15.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	48763F
RGB	72, 118, 63
RGB Percent	28%, 46%, 25%
CMY	0.7176, 0.5372, 0.7529
CMYK	0.39, 0.00, 0.47, 0.54
HSL	110°, 30%, 35%
HSV	110°, 47%, 46%
XYZ	10.0482, 14.6935, 7.0092
YIQ	97.9760, -9.7610, -26.8570

Conversions

Conversions Part 2

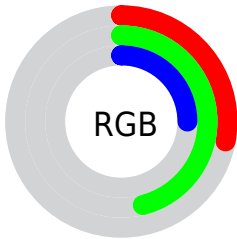
Format	Color
RYB	63, 118, 109
Decimal	4748863
CIELab	45.21, -27.42, 25.38
CIElCh	45, 37.366, 137.213
Yxy	14.6941, 0.3165, 0.4628
Android (android.graphics.Color)	4282938943 (0xFF48763F)
YUV	97.9760, -17.2432, -22.7810
Hunter-Lab	38.3321, -20.2902, 15.9910

Details

The HunterLab color $[38.3321, -20.2902, 15.9910]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[28.4864, 21.3005, -17.7489]$, and the grayscale version is $[35.0052, -1.8678, 1.9019]$.

A 20% lighter version of the original color is $[58.7423, -24.8386, 20.2898]$, and $[21.1435, -15.3198, 11.1556]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.7182, -23.0572, 17.8782]$, and if you desaturate by 10%, it is $[39.0523, -17.1012, 13.7121]$.

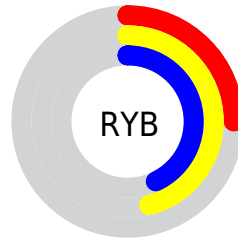
Distribution



Red (28%)

Green (46%)

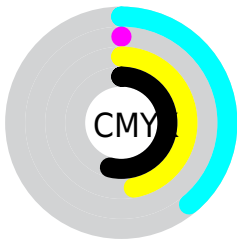
Blue (25%)



Red (25%)

Yellow (46%)

Blue (43%)

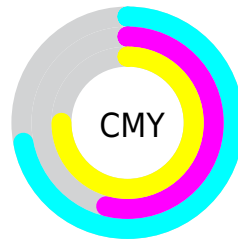


Cyan (39%)

Magenta (0%)

Yellow (47%)

Black (54%)



Cyan (72%)

Magenta (54%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.3321, -20.2902, 15.9910 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 38.3321, -20.2902, 15.9910 by changing the saturation by 10% instead.

■ 38.3321, -20.2902,
15.9910

■ 38.3321, -20.2902,
15.9910

148.8312,
-38.4985, 33.5201

■ 29.3343, -17.9059,
13.6831

■ 58.5796, -24.7039,
20.2514

■ 21.1765, -15.3334,
11.1928

■ 69.7258, -26.7911,
22.2618

■ 13.9574, -12.4746,
9.5188

■ 81.5011, -28.8234,
24.2174

■ 7.5963, -13.2936,
5.3174

■ 93.8734, -30.8129,
26.1307

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.8153,
-32.7688, 28.0110

0.0000, NaN, NaN

■ 120.3027,

0.0000, NaN, NaN

-34.6982, 29.8658

0.0000, NaN, NaN

134.3143,
-36.6066, 31.7006

■ 38.3321, -20.2902,
15.9910

■ 38.3321, -20.2902,
15.9910

■ 37.7182, -23.0572,
17.8782

■ 39.0523, -17.1012,
13.7121

■ 37.2071, -25.3830,
19.3679

■ 39.8761, -13.5130,
11.0545

■ 36.7967, -27.2622,
20.4666

■ 40.8031, -9.5577,
8.0395

■ 36.4826, -28.7010,
21.1939

■ 41.8310, -5.2699,
4.6928

■ 36.2551, -29.7401,
21.6317

■ 42.9568, -0.6863,
1.0432

■ 36.1926, -30.0300,
21.7760

■ 44.1769, 4.1566,
-2.8794

■ 45.4873, 9.2238,
-7.0451

■ 46.8838, 14.4823,
-11.4251

■ 48.3620, 19.9023,
-15.9923

Harmonies

Analogous

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



38.3329, -9.8863, 19.6600



38.3321, -20.2902, 15.9910



38.3329, -25.4431, 7.4601

Triad

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



38.3329, -20.2909, 15.9913



38.3329, -7.9732, -33.4152



38.3329, 28.0776, 9.0784

Complementary

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



38.3321, -20.2902, 15.9910



28.4864, 21.3005, -17.7489

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.



38.3329, 28.7913, -4.1986



38.3321, -20.2902, 15.9910



38.3329, 6.4769, -32.4693

Square

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



38.3329, -20.2909, 15.9913



38.3329, -19.0688, -22.6497



38.3329, 20.4113, -20.4061



38.3329, 18.5851, 16.7985

Rectangle

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



38.3321, -20.2902, 15.9910



38.3329, -25.7887, -1.3627



38.3329, 20.4113, -20.4061



38.3329, 29.3969, 5.2424

Sweetspot

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



38.3329, -20.2909, 15.9913



54.4011, -11.4247, 9.6941



38.8753, -4.5761, 16.7021



25.9763, -5.9358, 5.0027



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.



38.3329, -20.2909, 15.9913



49.9558, -30.8369, 23.8804



38.2275, -20.0800, 11.0278



20.3085, -3.0951, 2.7021



37.6384, -31.2576, 22.6454



82.9326, -69.6611, 49.8831

Inverse Universe

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



28.4864, 21.3005, -17.7489



34.4090, 35.3421, -30.1076



28.8456, 20.8907, -6.4690



19.3108, 1.0603, -0.6404



20.6441, 42.2080, -39.7948



45.2252, 92.6969, -88.9714

Previews

White Background



This preview shows how the HunterLab color 38.3321, -20.2902, 15.9910 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 38.3321, -20.2902, 15.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

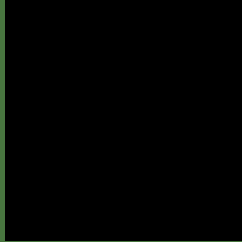
Any Text WCAG AA × Fail

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 38.3321, -20.2902, 15.9910 Background



This preview shows how black text looks on a background with the HunterLab color 38.3321, -20.2902, 15.9910.



This preview shows how white text looks on a background with the HunterLab color 38.3321,

-20.2902, 15.9910.

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

38.3321, -20.2902, 15.9910

Protanopia

38.2270, -4.4047, 17.0607

Deuteranopia

38.1774, 2.4707, 15.3212



Tritanopia

38.3904, -8.3007, -3.9321

Trichromacy



Original Color

38.3321, -20.2902, 15.9910

Protanomaly

38.0287, -10.8492, 16.5781

Deuteranomaly

37.8241, -7.0591, 15.1040

Tritanomaly

38.1513, -13.3740, 4.9296

Monochromacy



Original Color

38.3321, -20.2902, 15.9910

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.8927, -9.0470, 7.7619

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3321, -20.2902, 15.9910 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(72, 118, 63)` looks like.

```
.text, #text, p{  
    color:rgb(72, 118, 63)  
}
```

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(72, 118, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 118, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3321, -20.2902, 15.9910 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(72, 118, 63) }
```


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

```
.border{ border-color:rgb(72, 118, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 118, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 118, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 118, 63);  
box-shadow:4px 4px 4px 4px rgb(72, 118,  
63) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.3321, -20.2902, 15.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 118, 63) }
```

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

```
.background{ background-color: rgb(72, 118,  
63) }
```

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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