

Converting Colors

HunterLab(38.4482, -31.7802,
20.5474)

Have a look what the booklet for
HunterLab(38.4482, -31.7802,
20.5474) contains.

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Color

**HunterLab(38.4638,
-31.8004, 20.5717)**

Conversions

Conversions Part 1

Format	Color
Hex	007D24
RGB	0, 125, 36
RGB Percent	0%, 49%, 14%
CMY	1.0000, 0.5098, 0.8588
CMYK	1.00, 0.00, 0.71, 0.51
HSL	137°, 100%, 25%
HSV	137°, 100%, 49%
XYZ	7.6521, 14.7946, 4.1214
YIQ	77.4790, -45.9310, -54.1790

Conversions

Conversions Part 2

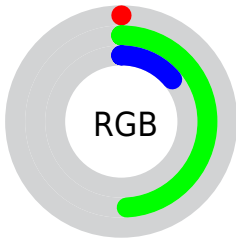
Format	Color
RYB	0, 97, 125
Decimal	32036
CIELab	45.35, -48.55, 38.63
CIELCh	45, 62.040, 141.493
Yxy	14.7952, 0.2880, 0.5569
Android (android.graphics.Color)	4278222116 (0xFF007D24)
YUV	77.4790, -20.4491, -67.9491
Hunter-Lab	38.4638, -31.8004, 20.5717

Details

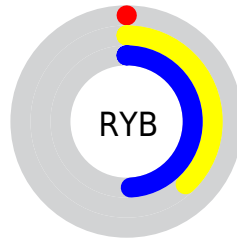
The HunterLab color $[38.4638, -31.8004, 20.5717]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[22.5423, 41.8032, -10.2374]$, and the grayscale version is $[27.4983, -1.4672, 1.4940]$.

A 20% lighter version of the original color is $[58.8000, -39.0762, 26.6707]$, and $[22.1304, -18.9768, 13.3044]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.4645, -31.8011, 20.5721]$, and if you desaturate by 10%, it is $[38.6502, -30.8552, 19.4825]$.

Distribution



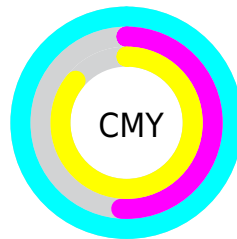
- Red (0%)
- Green (49%)
- Blue (14%)



- Red (0%)
- Yellow (38%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4638, -31.8004, 20.5717 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 38.4638, -31.8004, 20.5717 by changing the saturation by 10% instead.

■ 38.4638, -31.8004,
20.5717

■ 38.4638, -31.8004,
20.5717

149.0381,
-60.3138, 44.8254

■ 29.4547, -27.7701,
17.2117

■ 58.7312, -39.0577,
26.6863

■ 21.2846, -23.3365,
13.9089

■ 69.8865, -42.4039,
29.5223

■ 14.0514, -19.1239,
9.8360

■ 81.6704, -45.6130,
32.2493

■ 7.6977, -13.4710,
5.3884

■ 94.0509, -48.7105,
34.8877

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.0005,
-51.7157, 37.4532

0.0000, NaN, NaN

■ 120.4954,

0.0000, NaN, NaN

-54.6437, 39.9584

0.0000, NaN, NaN

134.5142,
-57.5066, 42.4131

■ 38.4638, -31.8004,
20.5717

■ 38.4638, -31.8004,
20.5717

■ 38.4645, -31.8011,
20.5721

■ 38.6502, -30.8552,
19.4825

■ 38.9089, -29.5721,
18.1765

■ 39.2761, -27.8122,
16.6813

■ 39.7602, -25.5559,
15.0111

■ 40.3671, -22.8018,
13.1838

■ 41.0998, -19.5640,
11.2202

■ 41.9596, -15.8684,
9.1430

■ 42.9457, -11.7504,
6.9755

■ 44.0559, -7.2512,
4.7407

Harmonies

Analogous

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



38.4646, -17.4773, 24.5971



38.4638, -31.8004, 20.5717



38.4646, -37.7539, 8.0123

Triad

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



38.4646, -31.8009, 20.5719



38.4646, -8.6155, -71.0259



38.4646, 50.6875, 14.9081

Complementary

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



38.4638, -31.8004, 20.5717



22.5423, 41.8032, -10.2374

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.



38.4646, 54.7230, -4.9462



38.4638, -31.8004, 20.5717



38.4646, 16.2612, -64.7786

Square

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



38.4646, -31.8009, 20.5719



38.4646, -26.6766, -50.1875



38.4646, 40.8881, -36.2505



38.4646, 30.9212, 22.9924

Rectangle

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



38.4638, -31.8004, 20.5717



38.4646, -37.5080, -7.6686



38.4646, 40.8881, -36.2505



38.4646, 54.0932, 9.8215

Sweetspot

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



38.4646, -31.8009, 20.5719



56.0593, -21.6142, 12.4416



41.0132, -21.6776, 24.8925



26.5405, -11.1449, 6.3957



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



38.4646, -31.8009, 20.5719



51.4497, -42.6939, 27.8563



39.4312, -25.8419, 6.5001



21.9944, -3.4058, 2.2619



39.2938, -32.4968, 21.0374

0.0000, NaN, NaN

Inverse Universe

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



22.5423, 41.8032, -10.2374



30.1218, 55.7859, -13.1045



21.0707, 36.4609, 10.6895



20.9570, 1.2024, 0.0761



23.0262, 42.6968, -10.4210

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 38.4638, -31.8004, 20.5717 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 38.4638, -31.8004, 20.5717 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 38.4638, -31.8004, 20.5717 Background



This preview shows how black text looks on a background with the HunterLab color 38.4638, -31.8004, 20.5717.



This preview shows how white text looks on a background with the HunterLab color 38.4638, -31.8004, 20.5717.

-31.8004, 20.5717.

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

38.4638, -31.8004, 20.5717

Protanopia

38.2196, -4.9983, 21.4523

Deuteranopia

38.3029, 2.3086, 19.9540



Tritanopia

38.6429, -14.5391, -6.7281

Trichromacy



Original Color

38.4638, -31.8004, 20.5717



Protanomaly

36.9877, -19.9811, 20.1355



Deuteranomaly

36.3913, -15.9958, 18.7263



Tritanomaly

38.1187, -23.2147, 6.9745

Monochromacy



Original Color

38.4638, -31.8004, 20.5717



Achromatopsia

27.2422, -1.4536, 1.4801



Achromatomaly

30.0103, -16.0045, 9.2081

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4638, -31.8004, 20.5717 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(0, 125, 36)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 36)  
}
```

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(0, 125, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4638, -31.8004, 20.5717 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(0, 125, 36) }
```


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

```
.border{ border-color:rgb(0, 125, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 36);  
box-shadow:4px 4px 4px 4px rgb(0, 125, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.4638, -31.8004, 20.5717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 36) }
```

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

```
.background{ background-color: rgb(0, 125,  
36) }
```

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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