

Converting Colors

HunterLab(37.9559, -26.0830,
24.9034)

Have a look what the booklet for
HunterLab(37.9559, -26.0830,
24.9034) contains.

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Color

**HunterLab(38.1090,
-25.3277, 23.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	407800
RGB	64, 120, 0
RGB Percent	25%, 47%, 0%
CMY	0.7490, 0.5294, 1.0000
CMYK	0.47, 0.00, 1.00, 0.53
HSL	88°, 100%, 24%
HSV	88°, 100%, 47%
XYZ	8.8308, 14.5230, 2.3378
YIQ	89.5760, 5.1440, -49.1920

Conversions

Conversions Part 2

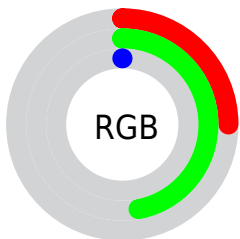
Format	Color
RYB	0, 120, 56
Decimal	4225024
CIELab	44.97, -36.36, 49.54
CIELCh	45, 61.450, 126.277
Yxy	14.5236, 0.3437, 0.5653
Android (android.graphics.Color)	4282415104 (0xFF407800)
YUV	89.5760, -44.1610, -22.4302
Hunter-Lab	38.1090, -25.3277, 23.0392

Details

The HunterLab color $[38.1090, -25.3277, 23.0392]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[14.8234, 34.5312, -61.3378]$, and the grayscale version is $[31.9761, -1.7062, 1.7373]$.

A 20% lighter version of the original color is $[58.3836, -30.9828, 30.8051]$, and $[21.2437, -18.1384, 12.7727]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.1097, -25.3292, 23.0396]$, and if you desaturate by 10%, it is $[38.4024, -24.0682, 22.7046]$.

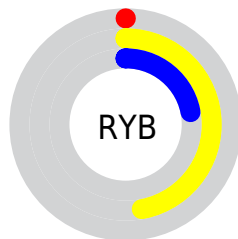
Distribution



Red (25%)

Green (47%)

Blue (0%)



Red (0%)

Yellow (47%)

Blue (22%)

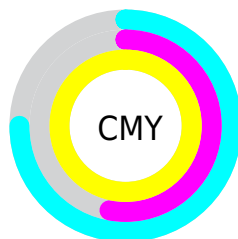


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (75%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1090, -25.3277, 23.0392 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 38.1090, -25.3277, 23.0392 by changing the saturation by 10% instead.

■ 38.1090, -25.3277,
23.0392

■ 38.1090, -25.3277,
23.0392

148.4804,
-47.8397, 53.0545

■ 29.1303, -22.2549,
18.8597

■ 58.3226, -30.9289,
30.7148

■ 20.9935, -18.9008,
14.6955

■ 69.4534, -33.5416,
34.2582

■ 13.7982, -15.2454,
9.6587

■ 81.2141, -36.0650,
37.6495

■ 7.4211, -12.9869,
5.1948

■ 93.5726, -38.5171,
40.9140

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.5012,
-40.9112, 44.0718


0.0000, NaN, NaN


■ 119.9759,


0.0000, NaN, NaN


-43.2578, 47.1393


0.0000, NaN, NaN


 133.9752,
-45.5651, 50.1299


 38.1090, -25.3277,
23.0392


 38.1090, -25.3277,
23.0392


 38.1097, -25.3292,
23.0396

 38.4024, -24.0682,
22.7046

 38.7344, -22.6278,
22.1484

 39.1173, -20.9444,
21.2064

 39.5533, -19.0107,
19.8468

 40.0442, -16.8247,
18.0492

■ 40.5909, -14.3891,
15.8027

■ 41.1940, -11.7099,
13.1039

■ 41.8535, -8.7960,
9.9561

■ 42.5690, -5.6586,
6.3679

Harmonies

Analogous

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



38.1098, -6.8683, 24.8673



38.1090, -25.3277, 23.0392



38.1098, -35.3018, 15.6694

Triad

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



38.1098, -25.3285, 23.0394



38.1098, -18.6187, -62.3275



38.1098, 54.3327, 6.4963

Complementary

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



38.1090, -25.3277, 23.0392



14.8234, 34.5312, -61.3378

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.



38.1098, 49.0054, -19.6838



38.1090, -25.3277, 23.0392



38.1098, 3.0508, -70.5499

Square

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



38.1098, -25.3285, 23.0394



38.1098, -32.1382, -33.2983



38.1098, 28.6820, -51.6681



38.1098, 41.8498, 19.7903

Rectangle

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



38.1090, -25.3277, 23.0392



38.1098, -37.5538, 4.7708



38.1098, 28.6820, -51.6681



38.1098, 54.6005, -0.8346

Sweetspot

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



38.1098, -25.3285, 23.0394



54.5686, -15.8035, 17.6637



26.1192, 16.8953, 16.3898



26.4288, -8.2974, 9.2192



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.



38.1098, -25.3285, 23.0394



50.4609, -33.9148, 30.5001



36.6871, -31.2779, 22.0585



21.3199, -2.6818, 3.0106



39.7932, -26.4989, 24.0565



86.6164, -59.0812, 52.3383

Inverse Universe

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



14.8234, 34.5312, -61.3378



19.4572, 45.5788, -82.4469



22.5155, 44.5797, -32.1397



19.9417, 0.5388, -0.9130



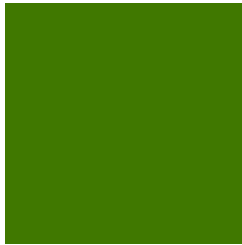
15.4545, 36.0385, -64.2164



33.0088, 77.9066, -144.3891

Previews

White Background



This preview shows how the HunterLab color 38.1090, -25.3277, 23.0392 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 38.1090, -25.3277, 23.0392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

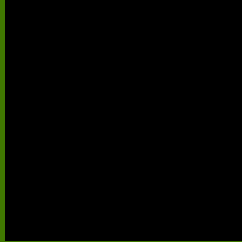
Any Text WCAG AA × Fail

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 38.1090, -25.3277, 23.0392 Background



This preview shows how black text looks on a background with the HunterLab color 38.1090, -25.3277, 23.0392.



This preview shows how white text looks on a background with the HunterLab color 38.1090,

-25.3277, 23.0392.

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

38.1090, -25.3277, 23.0392

Protanopia

37.8168, -5.2911, 23.2099

Deuteranopia

37.8944, 1.9460, 22.0324



Tritanopia

38.2187, -8.9276, -4.1723

Trichromacy



Original Color

38.1090, -25.3277, 23.0392

Protanomaly

37.5209, -13.6164, 22.8818

Deuteranomaly

37.3467, -9.7557, 22.1246

Tritanomaly

37.7348, -17.5054, 12.2023

Monochromacy



Original Color

38.1090, -25.3277, 23.0392

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.6929, -12.4180, 13.7323

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1090, -25.3277, 23.0392 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(64, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 120, 0)  
}
```

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(64, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 120, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1090, -25.3277, 23.0392 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(64, 120, 0) }
```


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

```
.border{ border-color:rgb(64, 120, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 120, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(64, 120, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.1090, -25.3277, 23.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 120, 0) }
```

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

```
.background{ background-color: rgb(64, 120,  
0) }
```

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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