

Converting Colors

HunterLab(38.7406, -25.6991,
21.1054)

Have a look what the booklet for
HunterLab(38.7406, -25.6991,
21.1054) contains.

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Color

**HunterLab(38.7237,
-25.7650, 21.0931)**

Conversions

Conversions Part 1

Format	Color
Hex	3C7A22
RGB	60, 122, 34
RGB Percent	24%, 48%, 13%
CMY	0.7647, 0.5216, 0.8667
CMYK	0.51, 0.00, 0.72, 0.52
HSL	102°, 56%, 31%
HSV	102°, 72%, 48%
XYZ	9.1118, 14.9952, 3.9276
YIQ	93.4300, -8.7040, -40.5120

Conversions

Conversions Part 2

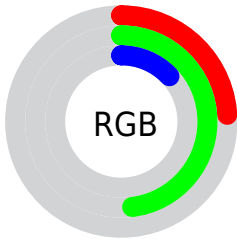
Format	Color
RYB	34, 122, 96
Decimal	3963426
CIELab	45.63, -36.80, 40.17
CIELCh	46, 54.480, 132.492
Yxy	14.9959, 0.3250, 0.5349
Android (android.graphics.Color)	4282153506 (0xFF3C7A22)
YUV	93.4300, -29.2990, -29.3181
Hunter-Lab	38.7237, -25.7650, 21.0931

Details

The HunterLab color $[38.7237, -25.7650, 21.0931]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[22.4423, 31.5907, -34.2636]$, and the grayscale version is $[33.3530, -1.7796, 1.8121]$.

A 20% lighter version of the original color is $[59.0006, -31.4275, 27.3771]$, and $[21.5284, -18.4606, 12.9425]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.3291, -27.5449, 21.9772]$, and if you desaturate by 10%, it is $[39.2034, -23.6082, 19.8026]$.

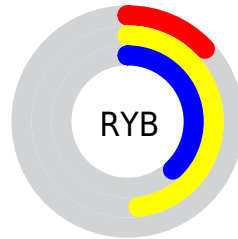
Distribution



Red (24%)

Green (48%)

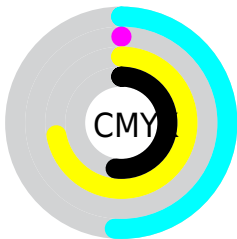
Blue (13%)



Red (13%)

Yellow (48%)

Blue (38%)

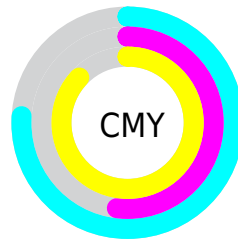


Cyan (51%)

Magenta (0%)

Yellow (72%)

Black (52%)



Cyan (76%)

Magenta (52%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7237, -25.7650, 21.0931 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 38.7237, -25.7650, 21.0931 by changing the saturation by 10% instead.

■ 38.7237, -25.7650,
21.0931

■ 38.7237, -25.7650,
21.0931

149.4461,
-48.4459, 46.1259

■ 29.6926, -22.6730,
17.6182

■ 59.0305, -31.4060,
27.4174

■ 21.4981, -19.3019,
14.2745

■ 70.2036, -34.0383,
30.3486

■ 14.2375, -15.5614,
9.9662

■ 82.0043, -36.5811,
33.1652

■ 7.8938, -13.8141,
5.5256

■ 94.4009, -39.0521,
35.8882

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.3659,
-41.4647, 38.5341

0.0000, NaN, NaN

■ 120.8755,

0.0000, NaN, NaN

-43.8293, 41.1158

0.0000, NaN, NaN

134.9085,
-46.1542, 43.6436

38.7237, -25.7650,
21.0931

38.7237, -25.7650,
21.0931

38.3291, -27.5449,
21.9772

39.2034, -23.6082,
19.8026

38.0134, -28.9545,
22.4867

39.7682, -21.0736,
18.0874

37.8094, -29.8670,
22.7751

40.4203, -18.1714,
15.9418

41.1598, -14.9177,
13.3698

41.9862, -11.3336,
10.3833

■ 42.8983, -7.4437,
7.0001

■ 43.8940, -3.2748,
3.2427

■ 44.9710, 1.1454,
-0.8634

■ 46.1266, 5.7894,
-5.2911

Harmonies

Analogous

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



38.7245, -10.4300, 23.9933



38.7237, -25.7650, 21.0931



38.7245, -33.5704, 11.9834

Triad

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



38.7245, -25.7657, 21.0933



38.7245, -13.4941, -55.4189



38.7245, 45.8279, 9.5373

Complementary

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



38.7237, -25.7650, 21.0931



22.4423, 31.5907, -34.2636

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.



38.7245, 44.5141, -11.3363



38.7237, -25.7650, 21.0931



38.7245, 7.0692, -57.3649

Square

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



38.7245, -25.7657, 21.0933



38.7245, -27.5947, -33.9020



38.7245, 29.1947, -38.3174



38.7245, 32.4733, 20.1252

Rectangle

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



38.7237, -25.7650, 21.0931



38.7245, -34.7437, 0.3982



38.7245, 29.1947, -38.3174



38.7245, 47.1566, 3.7430

Sweetspot

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



38.7245, -25.7657, 21.0933



55.6425, -15.2314, 13.9413



35.4214, 0.8123, 19.3071



26.4932, -7.7733, 7.0814



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.



38.7245, -25.7657, 21.0933



50.5355, -37.8877, 29.6694



38.0844, -28.0713, 17.9908



21.2180, -3.0442, 2.8932



38.7895, -30.6668, 23.3651



84.4883, -67.9500, 50.8717

Inverse Universe

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



22.4423, 31.5907, -34.2636



26.0890, 49.0305, -56.6818



25.0793, 35.2410, -15.1455



20.0522, 0.9133, -0.7655



18.8571, 40.1385, -48.6282



40.6283, 86.9460, -108.3865

Previews

White Background



This preview shows how the HunterLab color 38.7237, -25.7650, 21.0931 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 38.7237, -25.7650, 21.0931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

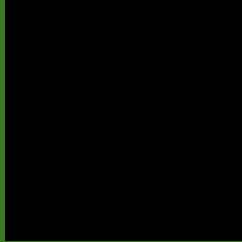
Any Text WCAG AA × Fail

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 38.7237, -25.7650, 21.0931 Background



This preview shows how black text looks on a background with the HunterLab color 38.7237, -25.7650, 21.0931.



This preview shows how white text looks on a background with the HunterLab color 38.7237, -25.7650, 21.0931.

-25.7650, 21.0931.

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

38.7237, -25.7650, 21.0931

Protanopia

38.5795, -5.1353, 21.7950

Deuteranopia

38.3812, 2.5151, 20.4537



Tritanopia

38.7314, -9.8353, -4.9916

Trichromacy



Original Color

38.7237, -25.7650, 21.0931

Protanomaly

38.1600, -13.9314, 21.2560

Deuteranomaly

37.6869, -9.6747, 20.1683

Tritanomaly

38.4448, -17.2479, 8.1234

Monochromacy



Original Color

38.7237, -25.7650, 21.0931

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.8107, -12.1367, 10.7955

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7237, -25.7650, 21.0931 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(60, 122, 34)` looks like.

```
.text, #text, p{  
    color:rgb(60, 122, 34)  
}
```

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(60, 122, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 122, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7237, -25.7650, 21.0931 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(60, 122, 34) }
```


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

```
.border{ border-color:rgb(60, 122, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 122, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 122, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 122, 34);  
box-shadow:4px 4px 4px 4px rgb(60, 122,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7237, -25.7650, 21.0931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 122, 34) }
```

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

```
.background{ background-color: rgb(60, 122,  
34) }
```

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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