

Converting Colors

Hex(38D610)

Have a look what the booklet for
Hex(38D610) contains.

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Color

Hex(38D610)

Conversions

Conversions Part 1

Format	Color
Hex	38D610
RGB	56, 214, 16
RGB Percent	22%, 84%, 6%
CMY	0.7804, 0.1608, 0.9373
CMYK	0.74, 0.00, 0.93, 0.16
HSL	108°, 86%, 45%
HSV	108°, 93%, 84%
XYZ	25.7710, 48.9713, 8.5843
YIQ	144.1860, -30.6100, -95.0740

Conversions

Conversions Part 2

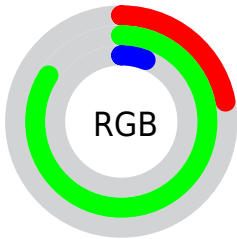
Format	Color
RYB	16, 214, 174
Decimal	3724816
CIELab	75.43, -70.49, 71.89
CIELCh	75, 100.680, 134.439
Yxy	48.9713, 0.3093, 0.5877
Android (android.graphics.Color)	4281914896 (0xFF38D610)
YUV	144.1860, -63.1957, -77.3391
Hunter-Lab	69.9795, -56.7289, 41.7126

Details

The Hex color **38D610** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **AE10D6**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **80FF58**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **2BD600**, and if you desaturate by 10%, it is **49D625**.

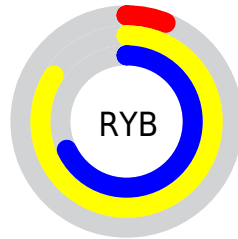
Distribution



Red (22%)

Green (84%)

Blue (6%)



Red (6%)

Yellow (84%)

Blue (68%)

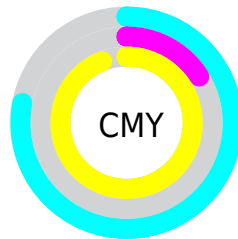


Cyan (74%)

Magenta (0%)

Yellow (93%)

Black (16%)



Cyan (78%)

Magenta (16%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38D610 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 Hex color 38D610 by changing the saturation by 10% instead.

 38D610

 38D610

FFFFFF

 00BA00

 80FF58

 009E00

 A0FF75

 008200

 BFFF92

 006800

 DEFFAF

 004E00

 FDFFC

 003600

 FFFFEA

 001B00

 000000

 38D610

 38D610

 2BD600

 49D625

 5AD63B

 6BD650

 7CD666

 8DD67B

 9ED690

 B0D6A6

 C1D6BB

 D2D6D1

Harmonies

Analogous

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



B6C400



38D610



00DF84

Triad

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



38D610



00D2FF



FF4392

Complementary

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



38D610



AE10D6

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.



FF51EE



38D610



00B6FF

Square

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



38D610



00DFFF



F388FF



FF7537

Rectangle

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



38D610



00E2C6



F388FF



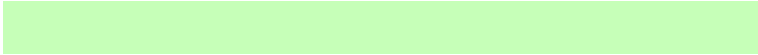
FF3DB0

Sweetspot

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



38D610



C6FFB8



D6AB10



5D8054



000000



808080

Same Dimension

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



38D610



34FF00



10D648



636B60



23AB00



092B00

Inverse Universe

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



AE10D6



CB00FF



D6109E



69606B



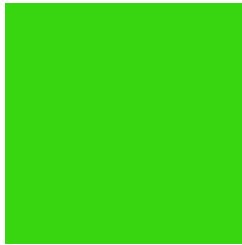
8800AB



23002B

Previews

White Background



This preview shows how the Hex color 38D610 looks on a white background.

Color Contrast Check

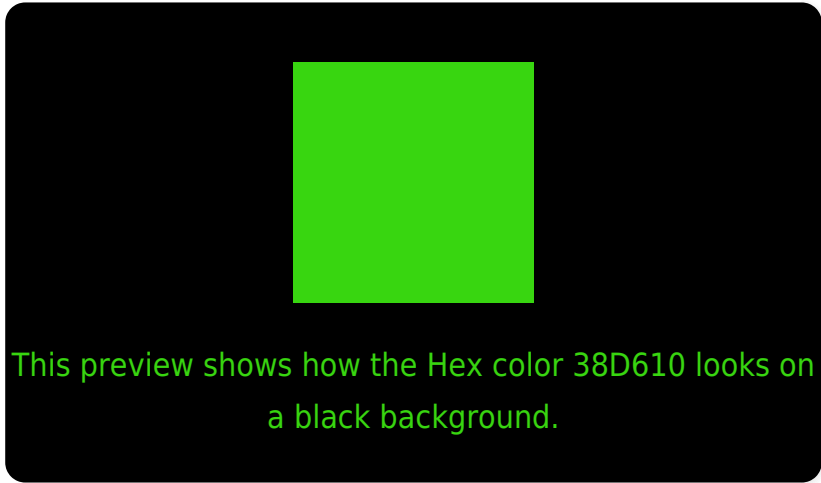
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 38D610 Background



This preview shows how black text looks on a background with the Hex color 38D610.

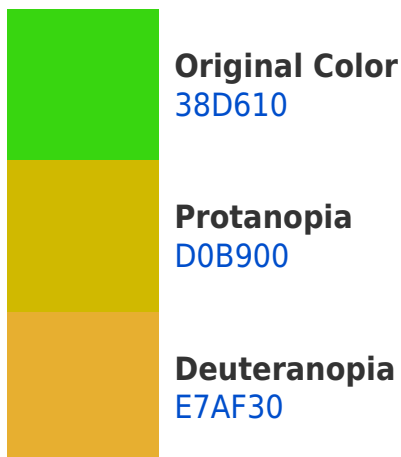


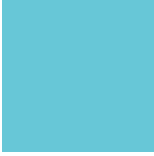
This preview shows how white text looks on a background with the Hex color 38D610.

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





Tritanopia
67C7D7

Trichromacy



Original Color
38D610



Protanomaly
99C406

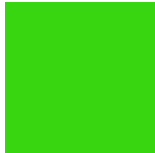


Deuteranomaly
A7BD24



Tritanomaly
56CC8F

Monochromacy



Original Color
38D610



Achromatopsia
909090



Achromatomaly
70A961

CSS Examples

Text

The CSS property to change the color of the text to Hex 38D610 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 #38D610 looks like.

```
.text, #text, p{  
    color:#38D610  
}
```

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 #38D610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38D610
}
```

Border

The CSS property to change the border of an element to Hex 38D610 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
#38D610 }
```

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

```
.border{ border-color:#38D610 }
```

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

Here you see how a box with a 4 pixel #38D610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38D610; -webkit-box-shadow:4px 4px  
4px 4px #38D610; box-shadow:4px 4px 4px  
4px #38D610 }
```

Background

The CSS property to change the background color of an element to Hex 38D610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38D610 }
```

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

```
.background{ background-color:#38D610 }
```

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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