

Converting Colors

Hex(38D416)

Have a look what the booklet for
Hex(38D416) contains.

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Color

Hex(38D416)

Conversions

Conversions Part 1

Format	Color
Hex	38D416
RGB	56, 212, 22
RGB Percent	22%, 83%, 9%
CMY	0.7804, 0.1686, 0.9137
CMYK	0.74, 0.00, 0.90, 0.17
HSL	109°, 81%, 46%
HSV	109°, 90%, 83%
XYZ	25.3192, 47.9856, 8.6868
YIQ	143.6960, -31.9860, -92.1620

Conversions

Conversions Part 2

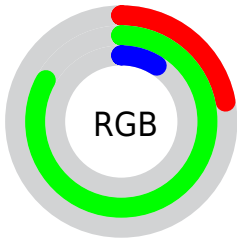
Format	Color
RYB	22, 212, 178
Decimal	3724310
CIELab	74.82, -69.73, 70.48
CIELCh	75, 99.146, 134.694
Yxy	47.9856, 0.3088, 0.5853
Android (android.graphics.Color)	4281914390 (0xFF38D416)
YUV	143.6960, -59.9961, -76.9094
Hunter-Lab	69.2717, -55.9827, 41.0551

Details

The Hex color **38D416** 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 **B216D4**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7FFF5A**, and **009C00** is the 20% darker color. If you saturate the color by 10%, you get **27D401**, and if you desaturate by 10%, it is **49D42B**.

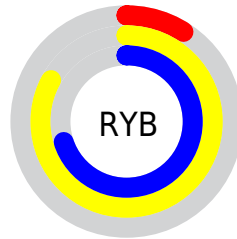
Distribution



Red (22%)

Green (83%)

Blue (9%)



Red (9%)

Yellow (83%)

Blue (70%)

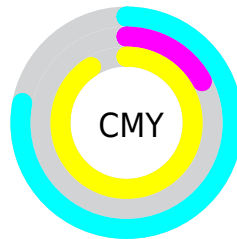


Cyan (74%)

Magenta (0%)

Yellow (90%)

Black (17%)



Cyan (78%)

Magenta (17%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38D416 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 38D416 by changing the saturation by 10% instead.

 38D416

 38D416

FFFFFF

 00B800

 7FFF5A

 009C00

 9FFF77

 008100

 BEFF94

 006600

 DDFFB0

 004C00

 FCFFCE

 003500

 FFFFEB

 001900

 000000

 38D416

 38D416

 27D401

 49D42B

 26D400

 5BD440

 6CD456

 7ED46B

 8FD480

 A0D495

 B2D4AA

 C3D4C0

 D5D4D5

Harmonies

Analogous

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



B4C200



38D416



00DD84

Triad

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



38D416



00D0FF



FF4590

Complementary

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



38D416



B216D4

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.



FF51EB



38D416



00B4FF

Square

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



38D416



00DDFF



F287FF



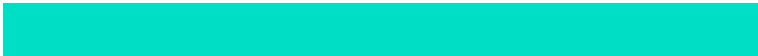
FF7537

Rectangle

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



38D416



00DFC5



F287FF



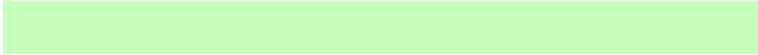
FF3FAE

Sweetspot

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



38D416



C6FFBA



D4B116



5E8057



000000



808080

Same Dimension

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



38D416



2EFF00



16D452



626B60



1FAB00



082B00

Inverse Universe

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



B216D4



D100FF



D41698



69606B



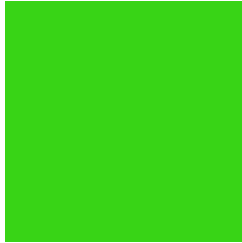
8C00AB



24002B

Previews

White Background



This preview shows how the Hex color 38D416 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



This preview shows how the Hex color 38D416 looks on a 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 38D416 Background



This preview shows how black text looks on a background with the Hex color 38D416.

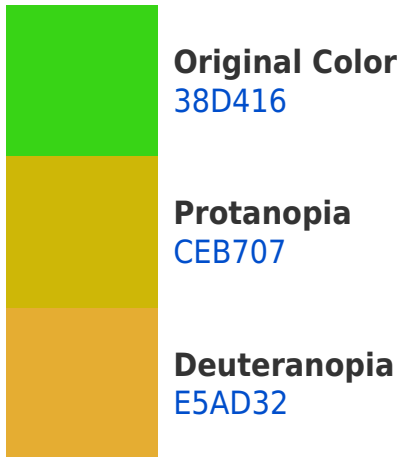


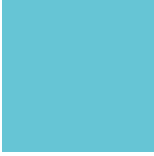
This preview shows how white text looks on a background with the Hex color 38D416.

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
66C5D5

Trichromacy



Original Color
38D416



Protanomaly
97C20C

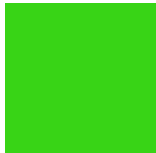


Deuteranomaly
A6BB28



Tritanomaly
55CA90

Monochromacy



Original Color
38D416



Achromatopsia
909090



Achromatomaly
70A964

CSS Examples

Text

The CSS property to change the color of the text to Hex 38D416 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 #38D416 looks like.

```
.text, #text, p{  
    color:#38D416  
}
```

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 #38D416 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38D416
}
```

Border

The CSS property to change the border of an element to Hex 38D416 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
#38D416 }
```

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

```
.border{ border-color:#38D416 }
```

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

Here you see how a box with a 4 pixel #38D416 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38D416; -webkit-box-shadow:4px 4px  
4px 4px #38D416; box-shadow:4px 4px 4px  
4px #38D416 }
```

Background

The CSS property to change the background color of an element to Hex 38D416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38D416 }
```

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

```
.background{ background-color:#38D416 }
```

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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