

Converting Colors

Hex(38DD04)

Have a look what the booklet for
Hex(38DD04) contains.

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Color

Hex(38DD04)

Conversions

Conversions Part 1

Format	Color
Hex	38DD04
RGB	56, 221, 4
RGB Percent	22%, 87%, 2%
CMY	0.7804, 0.1333, 0.9843
CMYK	0.75, 0.00, 0.98, 0.13
HSL	106°, 96%, 44%
HSV	106°, 98%, 87%
XYZ	27.5093, 52.5624, 8.8105
YIQ	146.9270, -28.6830, -102.4670

Conversions

Conversions Part 2

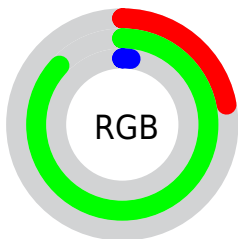
Format	Color
RYB	4, 221, 169
Decimal	3726596
CIELab	77.62, -72.78, 74.90
CIELCh	78, 104.437, 134.177
Yxy	52.5624, 0.3095, 0.5914
Android (android.graphics.Color)	4281916676 (0xFF38DD04)
YUV	146.9270, -70.4630, -79.7430
Hunter-Lab	72.4999, -59.1452, 43.5448

Details

The Hex color **38DD04** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **A904DD**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **82FF56**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **35DD00**, and if you desaturate by 10%, it is **49DD1A**.

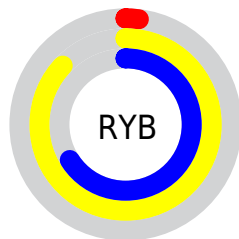
Distribution



Red (22%)

Green (87%)

Blue (2%)



Red (2%)

Yellow (87%)

Blue (66%)

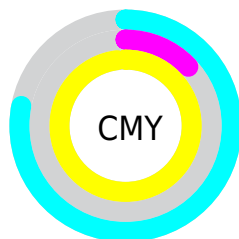


Cyan (75%)

Magenta (0%)

Yellow (98%)

Black (13%)



Cyan (78%)

Magenta (13%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38DD04 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 38DD04 by changing the saturation by 10% instead.

 38DD04

 38DD04

FFFFFF

 00C000

 82FF56

 00A400

 A2FF74

 008900

 C1FF91

 006E00

 E1FFAE

 005400

 FFFFCB

 003C00

 FFFF E9

 002200

 000000

 38DD04

 38DD04

■ 35DD00

■ 49DD1A

■ 5ADD30

■ 6ADD46

■ 7BDD5C

■ 8CDD72

■ 9DDD89

■ AEDD9F

■ BEDDB5

■ CFDDCB

Harmonies

Analogous

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



BDCA00



38DD04



00E687

Triad

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



38DD04



00DAFF



FF4197

Complementary

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



38DD04



A904DD

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.



FF51F7



38DD04



00BDFE

Square

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



38DD04



00E7FF



FA8DFF



FF7738

Rectangle

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



38DD04



00E9CB



FA8DFF



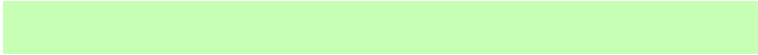
FF3AB7

Sweetspot

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



38DD04



C7FFB5



DDA704



5E8053



000000



808080

Same Dimension

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



38DD04



3DFF00



04DD3A



656E63



2AAD00



0B2E00

Inverse Universe

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



A904DD



C200FF



DD04A7



6B636E



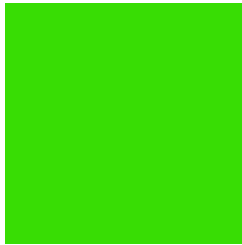
8400AD



23002E

Previews

White Background



This preview shows how the Hex color 38DD04 looks on a white background.

Color Contrast Check

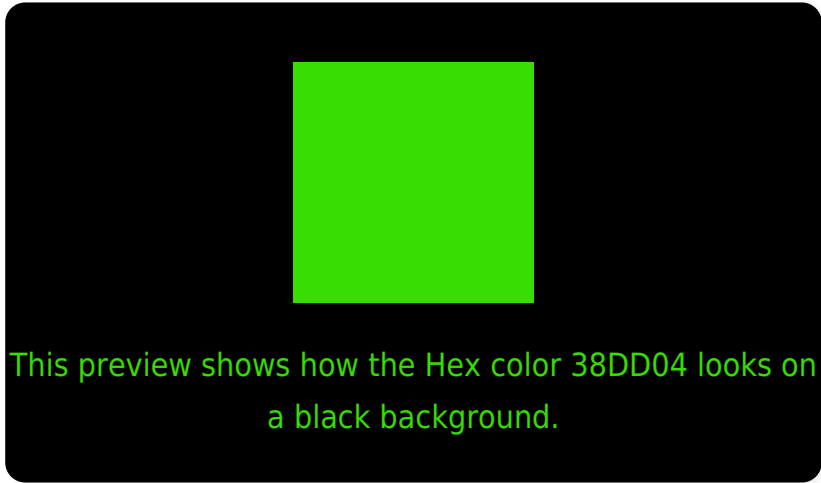
Large Text (above 18pt) WCAG AA × Fail

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

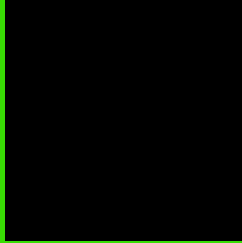
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

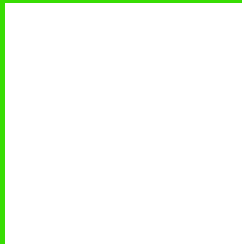
Any Text WCAG AAA ✓ Pass

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

Hex 38DD04 Background



This preview shows how black text looks on a background with the Hex color 38DD04.



This preview shows how white text looks on a background with the Hex color 38DD04.

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](#).

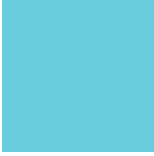
Dichromacy



Original Color
38DD04

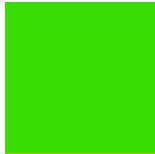
Protanopia
D6BF00

Deuteranopia
EFB42F



Tritanopia
6ACDDE

Trichromacy



Original Color
38DD04



Protanomaly
9DCA01



Deuteranomaly
ACC31F



Tritanomaly
58D38F

Monochromacy



Original Color
38DD04



Achromatopsia
939393



Achromatomaly
72AE5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 38DD04 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 #38DD04 looks like.

```
.text, #text, p{  
    color:#38DD04  
}
```

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 #38DD04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38DD04  
}
```

Border

The CSS property to change the border of an element to Hex 38DD04 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  
#38DD04 }
```

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

```
.border{ border-color:#38DD04 }
```

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

Here you see how a box with a 4 pixel #38DD04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38DD04; -webkit-box-shadow:4px 4px  
4px 4px #38DD04; box-shadow:4px 4px 4px  
4px #38DD04 }
```

Background

The CSS property to change the background color of an element to Hex 38DD04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38DD04 }
```

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

```
.background{ background-color:#38DD04 }
```

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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