

Converting Colors

Hex(38E230)

Have a look what the booklet for
Hex(38E230) contains.

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Color

Hex(38E230)

Conversions

Conversions Part 1

Format	Color
Hex	38E230
RGB	56, 226, 48
RGB Percent	22%, 89%, 19%
CMY	0.7804, 0.1137, 0.8118
CMYK	0.75, 0.00, 0.79, 0.11
HSL	117°, 75%, 54%
HSV	117°, 79%, 89%
XYZ	29.3607, 55.4469, 11.9512
YIQ	154.8780, -44.1820, -91.3980

Conversions

Conversions Part 2

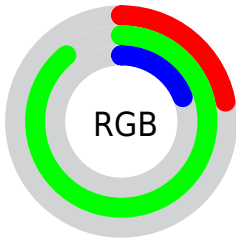
Format	Color
RYB	48, 226, 218
Decimal	3727920
CIELab	79.30, -72.77, 68.55
CIELCh	79, 99.971, 136.711
Yxy	55.4469, 0.3034, 0.5730
Android (android.graphics.Color)	4281918000 (0xFF38E230)
YUV	154.8780, -52.6909, -86.7160
Hunter-Lab	74.4627, -59.9268, 42.6079

Details

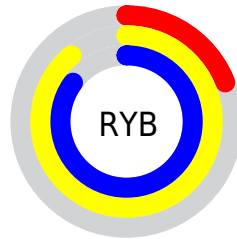
The Hex color **38E230** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DA30E2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **82FF6C**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **22E219**, and if you desaturate by 10%, it is **4EE247**.

Distribution



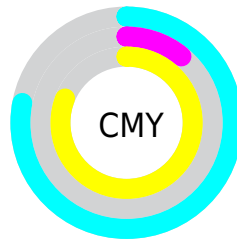
- Red (22%)
- Green (89%)
- Blue (19%)



- Red (19%)
- Yellow (89%)
- Blue (85%)



- Cyan (75%)
- Magenta (0%)
- Yellow (79%)
- Black (11%)



- Cyan (78%)
- Magenta (11%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38E230 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 38E230 by changing the saturation by 10% instead.

 38E230

 38E230

FFFFFF

 00C500

 82FF6C

 00A900

 A2FF88

 008D00

 C1FFA5

 007200

 E0FFC2

 005800

 FFFFDF

 003F00

FFFFFFD

 002600

 000000

 38E230

 38E230

 22E219

 4EE247

 0DE203

 63E25D

 0AE200

 79E274

 8EE28A

 A4E2A1

 BAE2B8

 CFE2CE

 E5E2E5

 FAE2FB

Harmonies

Analogous

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



BBD000



38E230



00EB96

Triad

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



38E230



00DBFF



FF5895

Complementary

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



38E230



DA30E2

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.



FF5EF2



38E230



3DBEFF

Square

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



38E230



00EAFF



FF90FF



FF853B

Rectangle

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



38E230



00EDD8



FF90FF



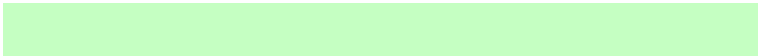
FF51B4

Sweetspot

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



38E230



C5FFC2



E2D930



5C805B



000000



808080

Same Dimension

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



38E230



18FF0D



30E280



657065



08B000



023000

Inverse Universe

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



DA30E2



F40DFF



E23092



706570



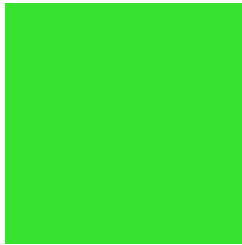
A800B0



2E0030

Previews

White Background



This preview shows how the Hex color 38E230 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 38E230 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

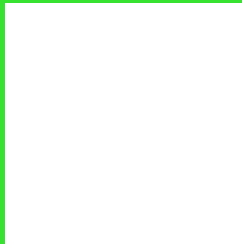
Any Text WCAG AAA ✓ Pass

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

Hex 38E230 Background



This preview shows how black text looks on a background with the Hex color 38E230.

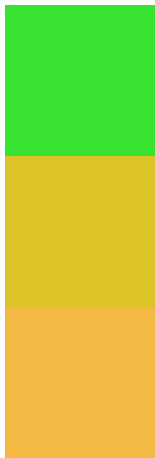


This preview shows how white text looks on a background with the Hex color 38E230.

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](#).

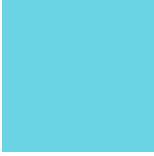
Dichromacy



Original Color
38E230

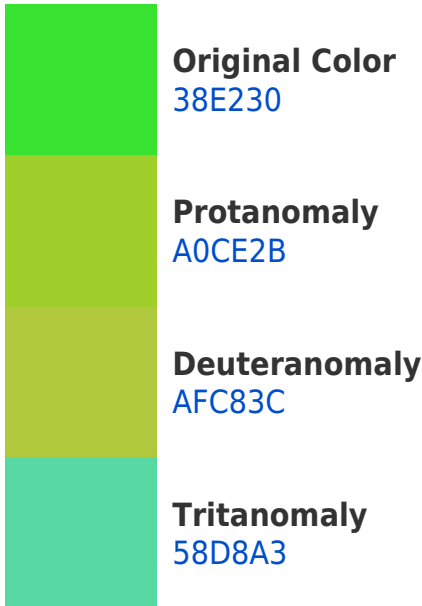
Protanopia
DBC328

Deuteranopia
F3B943



Tritanopia
6AD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38E230 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 #38E230 looks like.

```
.text, #text, p{  
    color:#38E230  
}
```

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 #38E230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38E230
}
```

Border

The CSS property to change the border of an element to Hex 38E230 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
#38E230 }
```

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

```
.border{ border-color:#38E230 }
```

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

Here you see how a box with a 4 pixel #38E230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38E230; -webkit-box-shadow:4px 4px  
4px 4px #38E230; box-shadow:4px 4px 4px  
4px #38E230 }
```

Background

The CSS property to change the background color of an element to Hex 38E230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38E230 }
```

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

```
.background{ background-color:#38E230 }
```

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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