

Converting Colors

Hex(2EC120)

Have a look what the booklet for
Hex(2EC120) contains.

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Color

Hex(2EC120)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2EC120 |
| RGB | 46, 193, 32 |
| RGB Percent | 18%, 76%, 13% |
| CMY | 0.8196, 0.2431, 0.8745 |
| CMYK | 0.76, 0.00, 0.83, 0.24 |
| HSL | 115°, 72%, 44% |
| HSV | 115°, 83%, 76% |
| XYZ | 20.4574, 38.8251, 7.7823 |
| YIQ | 130.6930, -35.9310, -81.2350 |

Conversions

Conversions Part 2

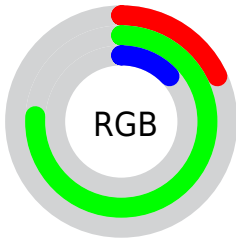
| Format | Color |
|-------------------------------------|--|
| RYB | 32, 193, 179 |
| Decimal | 3064096 |
| CIELab | 68.62, -65.11, 62.90 |
| CIELCh | 69, 90.537, 135.989 |
| Yxy | 38.8251, 0.3050, 0.5789 |
| Android (android.graphics.Color) | 4281254176 (0xFF2EC120) |
| YUV | 130.6930, -48.6556, -74.2758 |
| Hunter-Lab | 62.3098, -50.4374, 36.2117 |

Details

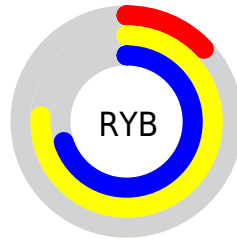
The Hex color **2EC120** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **B320C1**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **75FB5C**, and **008A00** is the 20% darker color. If you saturate the color by 10%, you get **1CC10D**, and if you desaturate by 10%, it is **40C133**.

Distribution



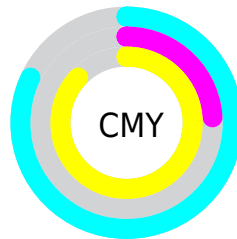
- Red (18%)
- Green (76%)
- Blue (13%)



- Red (13%)
- Yellow (76%)
- Blue (70%)



- Cyan (76%)
- Magenta (0%)
- Yellow (83%)
- Black (24%)



- Cyan (82%)
- Magenta (24%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EC120 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 2EC120 by changing the saturation by 10% instead.

 2EC120


 2EC120

FFFFFF

 00A500

 75FB5C

 008A00

 94FF78

 006F00

 B2FF94

 005500

 D1FFB0

 003D00

 F0FFCD

 002400

 FFFFEA

 000000

 2EC120

 2EC120

 1CC10D

 40C133

■ 11C100

■ 51C147

■ 63C15A

■ 74C16D

■ 86C181

■ 98C194

■ A9C1A7

■ BBC1BA

■ CDC1CE

Harmonies

Analogous

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



A1B100



2EC120



00C97D

Triad

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



2EC120



00BCFF



FF4580

Complementary

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



2EC120



B320C1

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.



FF4CD1



2EC120



0CA2FF

Square

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



2EC120



00C8FF



E07AFF



FF6E30

Rectangle

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



2EC120



00CBB6



E07AFF



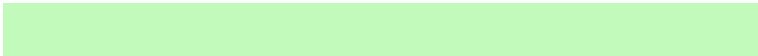
FF3F9B

Sweetspot

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



2EC120



C1FABB



C1B120



5B7D57



FCFCFC



7D7D7D

Same Dimension

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



2EC120



16FA00



20C160



586157



0EA100



032100

Inverse Universe

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



B320C1



E400FA



C12081



605761



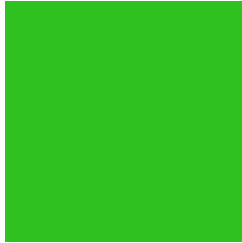
9300A1



1E0021

Previews

White Background



This preview shows how the Hex color 2EC120 looks on a white background.

Color Contrast Check

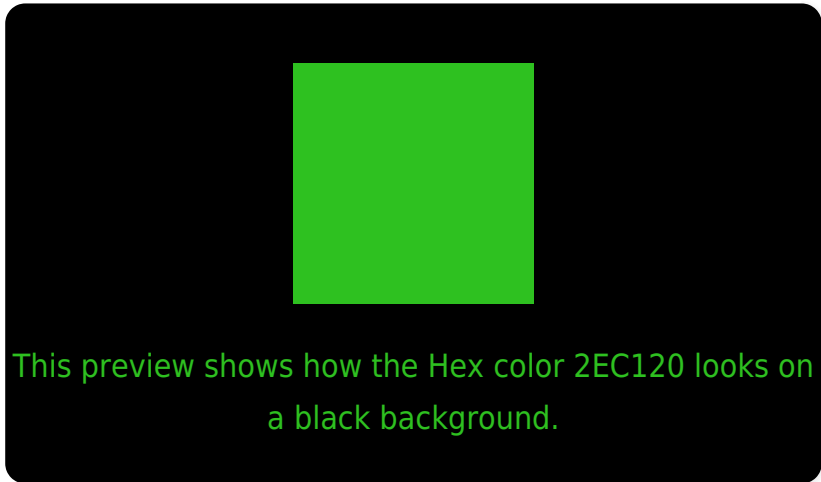
Large Text (above 18pt) WCAG AA × Fail

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 2EC120 Background



This preview shows how black text looks on a background with the Hex color 2EC120.

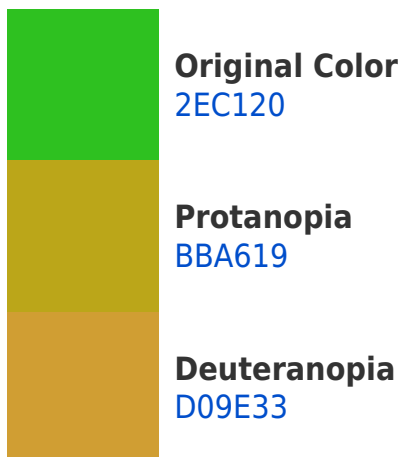


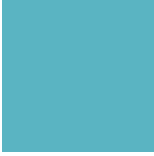
This preview shows how white text looks on a background with the Hex color 2EC120.

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
5AB4C2

Trichromacy



Original Color
2EC120



Protanomaly
88B01C



Deuteranomaly
95AB2C



Tritanomaly
4AB987

Monochromacy



Original Color
2EC120



Achromatopsia
838383



Achromatomaly
649A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EC120 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 #2EC120 looks like.

```
.text, #text, p{  
    color:#2EC120  
}
```

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 #2EC120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EC120
}
```

Border

The CSS property to change the border of an element to Hex 2EC120 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
#2EC120 }
```

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

```
.border{ border-color:#2EC120 }
```

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

Here you see how a box with a 4 pixel #2EC120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EC120; -webkit-box-shadow:4px 4px  
4px 4px #2EC120; box-shadow:4px 4px 4px  
4px #2EC120 }
```

Background

The CSS property to change the background color of an element to Hex 2EC120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EC120 }
```

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

```
.background{ background-color:#2EC120 }
```

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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