

Converting Colors

Hex(2EC908)

Have a look what the booklet for
Hex(2EC908) contains.

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Color

Hex(2EC908)

Conversions

Conversions Part 1

Format	Color
Hex	2EC908
RGB	46, 201, 8
RGB Percent	18%, 79%, 3%
CMY	0.8196, 0.2118, 0.9686
CMYK	0.77, 0.00, 0.96, 0.21
HSL	108°, 92%, 41%
HSV	108°, 96%, 79%
XYZ	22.0572, 42.3717, 7.2457
YIQ	132.6530, -30.4270, -92.8830

Conversions

Conversions Part 2

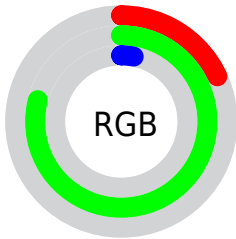
Format	Color
RYB	8, 201, 163
Decimal	3066120
CIELab	71.13, -68.28, 69.17
CIELCh	71, 97.197, 134.630
Yxy	42.3717, 0.3077, 0.5912
Android (android.graphics.Color)	4281256200 (0xFF2EC908)
YUV	132.6530, -61.4539, -75.9947
Hunter-Lab	65.0935, -53.4283, 38.9657

Details

The Hex color **2EC908** 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 **A308C9**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **77FF53**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **28C900**, and if you desaturate by 10%, it is **3EC91C**.

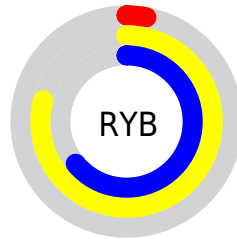
Distribution



 Red (18%)

 Green (79%)

 Blue (3%)




 Red (3%)

 Yellow (79%)

 Blue (64%)

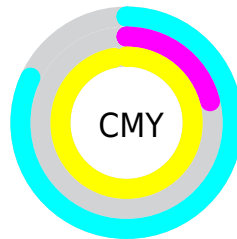


 Cyan (77%)


 Magenta (0%)

 Yellow (96%)

 Black (21%)



 Cyan (82%)

 Magenta (21%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EC908 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 2EC908 by changing the saturation by 10% instead.

 2EC908

 2EC908

FFFFFF

 00AD00

 77FF53

 009100

 97FF70

 007600

 B6FF8C

 005C00

 D5FFA9

 004300

 F4FFC6

 002B00

 FFFFE3

 000800

 000000

 2EC908

 2EC908

 28C900

 3EC91C

 4EC930

 5EC944

 6FC958

 7FC96D

 8FC981

 9FC995

 AFC9A9

 BFC9BD

Harmonies

Analogous

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



AAB800



2EC908



00D17C

Triad

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



2EC908



00C5FF



FF3B87

Complementary

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



2EC908



A308C9

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.



FF48DF



2EC908



00ABFF

Square

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



2EC908



00D2FF



E57EFF



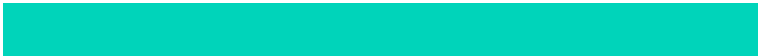
FF6C30

Rectangle

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



2EC908



00D4BA



E57EFF



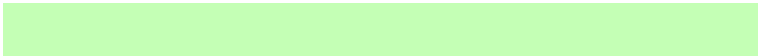
FF34A4

Sweetspot

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



2EC908



C4FFB5



C9A208



5C8053



000000



808080

Same Dimension

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



2EC908



32FF00



08C942



5B635A



20A300



072400

Inverse Universe

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



A308C9



CD00FF



C9088F



615A63



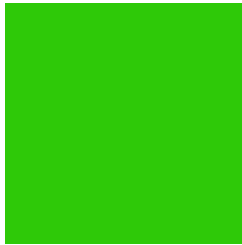
8300A3



1D0024

Previews

White Background



This preview shows how the Hex color 2EC908 looks on a white background.

Color Contrast Check

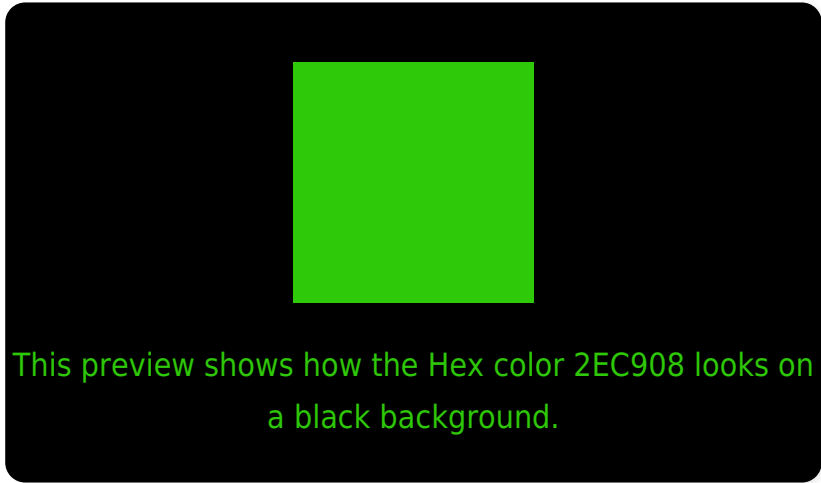
Large Text (above 18pt) WCAG AA × Fail

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

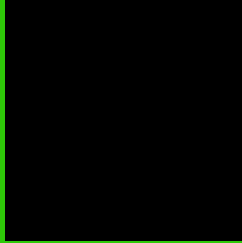
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

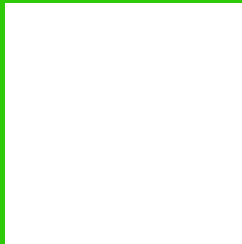
Any Text WCAG AAA ✓ Pass

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

Hex 2EC908 Background



This preview shows how black text looks on a background with the Hex color 2EC908.

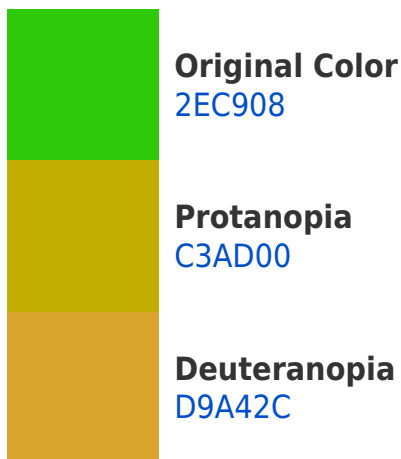


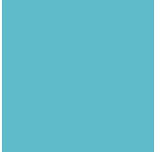
This preview shows how white text looks on a background with the Hex color 2EC908.

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





Trichromacy



Original Color
2EC908



Protanomaly
8DB703



Deuteranomaly
9BB11F



Tritanomaly
4DC083

Monochromacy



Original Color
2EC908



Achromatopsia
858585



Achromatomaly
659E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EC908 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 #2EC908 looks like.

```
.text, #text, p{  
    color:#2EC908  
}
```

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 #2EC908 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EC908
}
```

Border

The CSS property to change the border of an element to Hex 2EC908 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
#2EC908 }
```

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

```
.border{ border-color:#2EC908 }
```

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

Here you see how a box with a 4 pixel #2EC908 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EC908; -webkit-box-shadow:4px 4px  
4px 4px #2EC908; box-shadow:4px 4px 4px  
4px #2EC908 }
```

Background

The CSS property to change the background color of an element to Hex 2EC908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EC908 }
```

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

```
.background{ background-color:#2EC908 }
```

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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