

Converting Colors

Hex(2EE652)

Have a look what the booklet for
Hex(2EE652) contains.

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Color

Hex(2EE652)

Conversions

Conversions Part 1

Format	Color
Hex	2EE652
RGB	46, 230, 82
RGB Percent	18%, 90%, 32%
CMY	0.8196, 0.0980, 0.6784
CMYK	0.80, 0.00, 0.64, 0.10
HSL	132°, 79%, 54%
HSV	132°, 80%, 90%
XYZ	30.9465, 57.7837, 17.5050
YIQ	158.1120, -62.1560, -85.0360

Conversions

Conversions Part 2

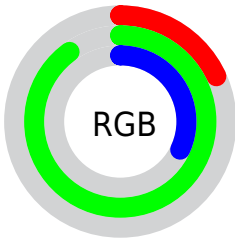
Format	Color
RYB	46, 200, 230
Decimal	3073618
CIELab	80.62, -72.48, 57.83
CIELCh	81, 92.728, 141.414
Yxy	57.7837, 0.2913, 0.5439
Android (android.graphics.Color)	4281263698 (0xFF2EE652)
YUV	158.1120, -37.5232, -98.3222
Hunter-Lab	76.0156, -60.3585, 39.5575

Details

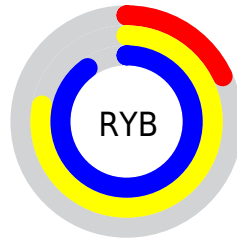
The Hex color **2EE652** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E62EC2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7CFF89**, and **00AD15** is the 20% darker color. If you saturate the color by 10%, you get **17E63F**, and if you desaturate by 10%, it is **45E664**.

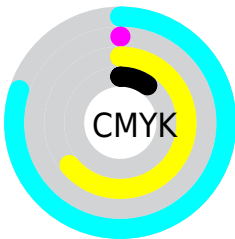
Distribution



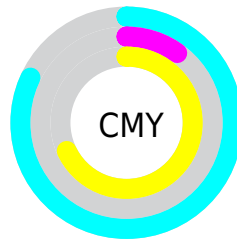
- Red (18%)
- Green (90%)
- Blue (32%)



- Red (18%)
- Yellow (78%)
- Blue (90%)



- Cyan (80%)
- Magenta (0%)
- Yellow (64%)
- Black (10%)



- Cyan (82%)
- Magenta (10%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EE652 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 2EE652 by changing the saturation by 10% instead.

 2EE652

 2EE652


FFFFFF

 00C936

 7CFF89

 00AD15

 9CFFA5

 009100

 BCFFC1

 007600

 DBFFDE

 005C00

 FAFFFB

 004200

 002A00

 000400

 000000

 2EE652

 2EE652

 17E63F

 45E664

 00E62D

 5CE677

 73E689

 8AE69C

 A1E6AE

 B8E6C1

 CFE6D3

 E6E6E6

 FDE6F9

Harmonies

Analogous

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



B4D600



2EE652



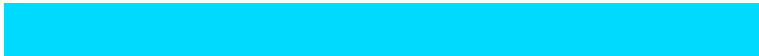
00EEAB

Triad

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



2EE652



00DAFF



FF708E

Complementary

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



2EE652



E62EC2

Split Complementary

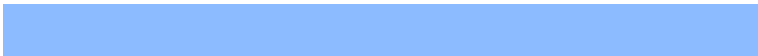
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF6CE5



2EE652



8CBCFF

Square

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



2EE652



00EAFB



FF92FF



FF953D

Rectangle

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



2EE652



00EFE8



FF92FF



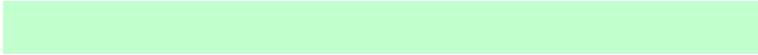
FF69AB

Sweetspot

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



2EE652



C2FFCE



C4E62E



5B8062



000000



808080

Same Dimension

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



2EE652



0AFF3A



2EE6AC



67736A



00B323



00330A

Inverse Universe

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



E62EC2



FF0ACF



E62E68



736771



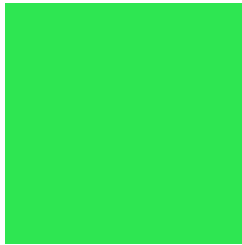
B30090



330029

Previews

White Background



This preview shows how the Hex color 2EE652 looks on a white background.

Color Contrast Check

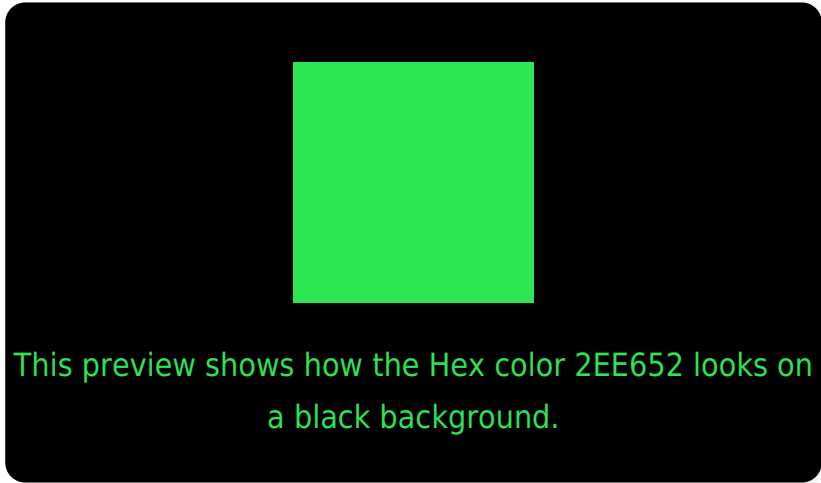
Large Text (above 18pt) WCAG AA × Fail

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

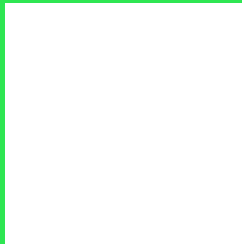
Any Text WCAG AAA ✓ Pass

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

Hex 2EE652 Background



This preview shows how black text looks on a background with the Hex color 2EE652.

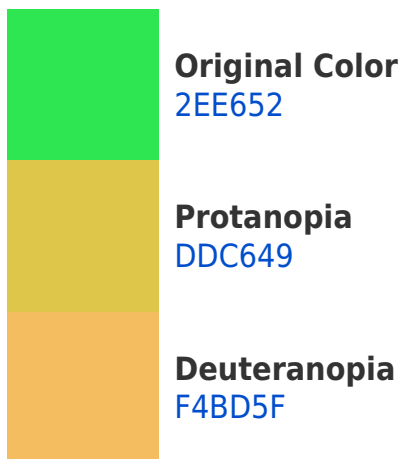


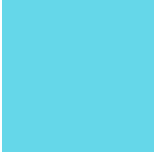
This preview shows how white text looks on a background with the Hex color 2EE652.

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](#).

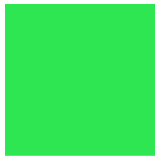
Dichromacy





Tritanopia
65D7E9

Trichromacy



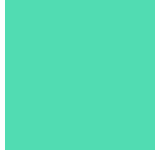
Original Color
2EE652



Protanomaly
9DD24C



Deuteranomaly
ACCC5A



Tritanomaly
51DCB2

Monochromacy



Original Color
2EE652



Achromatopsia
9E9E9E



Achromatomaly
75B882

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EE652 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 #2EE652 looks like.

```
.text, #text, p{  
    color:#2EE652  
}
```

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 #2EE652 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EE652
}
```

Border

The CSS property to change the border of an element to Hex 2EE652 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
#2EE652 }
```

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

```
.border{ border-color:#2EE652 }
```

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

Here you see how a box with a 4 pixel #2EE652 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EE652; -webkit-box-shadow:4px 4px  
4px 4px #2EE652; box-shadow:4px 4px 4px  
4px #2EE652 }
```

Background

The CSS property to change the background color of an element to Hex 2EE652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EE652 }
```

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

```
.background{ background-color:#2EE652 }
```

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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