

Converting Colors

Hex(66E293)

Have a look what the booklet for
Hex(66E293) contains.

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Color

Hex(66E293)

Conversions

Conversions Part 1

Format	Color
Hex	66E293
RGB	102, 226, 147
RGB Percent	40%, 89%, 58%
CMY	0.6000, 0.1137, 0.4235
CMYK	0.55, 0.00, 0.35, 0.11
HSL	142°, 68%, 64%
HSV	142°, 55%, 89%
XYZ	37.9423, 59.3241, 37.0547
YIQ	179.9180, -48.5450, -50.8570

Conversions

Conversions Part 2

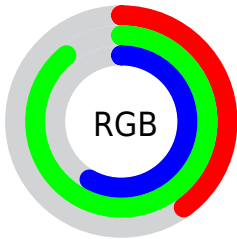
Format	Color
RYB	102, 193, 226
Decimal	6742675
CIELab	81.47, -51.97, 28.42
CIElCh	81, 59.232, 151.331
Yxy	59.3241, 0.2825, 0.4417
Android (android.graphics.Color)	4284932755 (0xFF66E293)
YUV	179.9180, -16.2286, -68.3341
Hunter-Lab	77.0221, -46.8568, 25.3916

Details

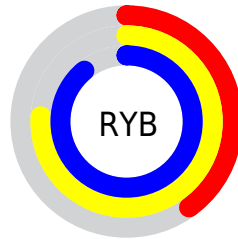
The Hex color **66E293** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E266B5**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A1FFC9**, and **21AA60** is the 20% darker color. If you saturate the color by 10%, you get **4FE285**, and if you desaturate by 10%, it is **7DE2A1**.

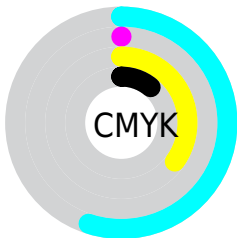
Distribution



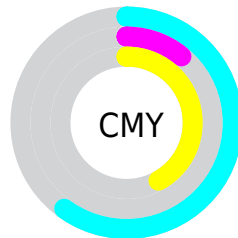
- Red (40%)
- Green (89%)
- Blue (58%)



- Red (40%)
- Yellow (76%)
- Blue (89%)



- Cyan (55%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66E293 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 66E293 by changing the saturation by 10% instead.

 66E293

 66E293

FFFFFF

 47C679

 A1FFC9

 21AA60

 BFFFE6

 008E47

 DCFFFF

 007430

 FAFFFF

 005A19

 004200

 002C00

 000A00

 000000

 66E293

 66E293

 4FE285

 7DE2A1

 39E276

 93E2B0

 22E268

 AAE2BE

 0CE259

 C0E2CD

 00E252

 D7E2DB

 EEE2E9

 FFE2F8

 FFE2FF

Harmonies

Analogous

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



B0D868



66E293



00E6CB

Triad

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



66E293



67D0FF



FFA294

Complementary

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



66E293



E266B5

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.



FF9BCA



66E293



D1BBFF

Square

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



66E293



00DEFF



FFA6FF



FFB469

Rectangle

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



66E293



00E6F1



FFA6FF



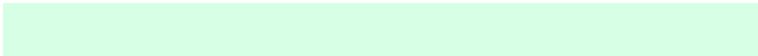
FF9DA5

Sweetspot

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



66E293



D6FFE5



B7E266



678070



000000



808080

Same Dimension

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



66E293



57FF94



66E2CF



657069



00B040



003012

Inverse Universe

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



E266B5



FF57C2



E26679



70656C



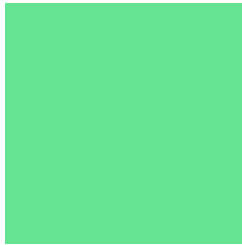
B00070



30001F

Previews

White Background



This preview shows how the Hex color 66E293 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 66E293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

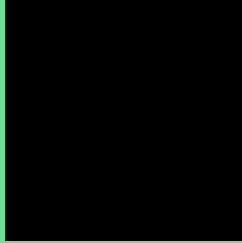
Any Text WCAG AA ✓ Pass

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 66E293 Background



This preview shows how black text looks on a background with the Hex color 66E293.

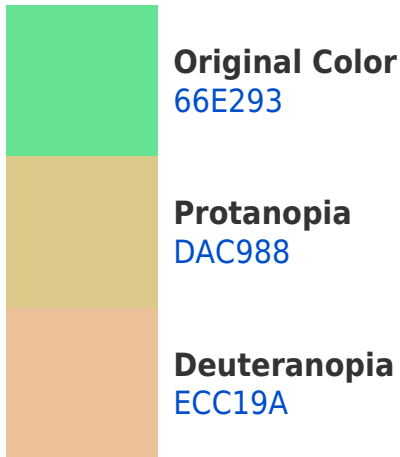


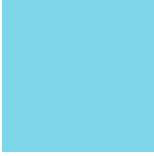
This preview shows how white text looks on a background with the Hex color 66E293.

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
7DD7E9

Trichromacy



Original Color
66E293



Protanomaly
B0D28C



Deuteranomaly
BBCD97



Tritanomaly
75DBCA

Monochromacy



Original Color
66E293



Achromatopsia
B4B4B4



Achromatomaly
98C5A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 66E293 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 #66E293 looks like.

```
.text, #text, p{  
    color:#66E293  
}
```

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 #66E293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E293
}
```

Border

The CSS property to change the border of an element to Hex 66E293 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
#66E293 }
```

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

```
.border{ border-color:#66E293 }
```

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

Here you see how a box with a 4 pixel #66E293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E293; -webkit-box-shadow:4px 4px  
4px 4px #66E293; box-shadow:4px 4px 4px  
4px #66E293 }
```

Background

The CSS property to change the background color of an element to Hex 66E293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E293 }
```

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

```
.background{ background-color:#66E293 }
```

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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