

Converting Colors

Hex(66FEDA)

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

Hex(66FEDA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66FEDA)

Conversions

Conversions Part 1

Format	Color
Hex	66FEDA
RGB	102, 254, 218
RGB Percent	40%, 100%, 85%
CMY	0.6000, 0.0039, 0.1451
CMYK	0.60, 0.00, 0.14, 0.00
HSL	166°, 99%, 70%
HSV	166°, 60%, 100%
XYZ	53.5762, 78.7704, 78.7101
YIQ	204.4480, -79.0360, -43.4200

Conversions

Conversions Part 2

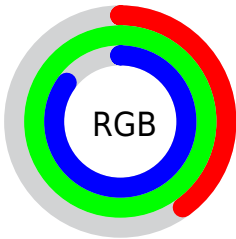
Format	Color
RYB	102, 188, 254
Decimal	6749914
CIELab	91.13, -48.74, 5.21
CIElCh	91, 49.017, 173.896
Yxy	78.7704, 0.2538, 0.3732
Android (android.graphics.Color)	4284939994 (0xFF66FEDA)
YUV	204.4480, 6.6811, -89.8469
Hunter-Lab	88.7527, -47.5643, 9.5457

Details

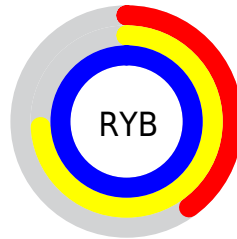
The Hex color **66FEDA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FE668A**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **A5FFFF**, and **06C4A3** is the 20% darker color. If you saturate the color by 10%, you get **4DFED4**, and if you desaturate by 10%, it is **7FFEE0**.

Distribution



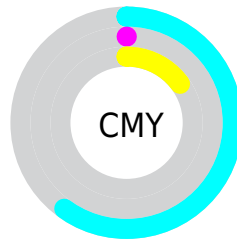
- Red (40%)
- Green (100%)
- Blue (85%)



- Red (40%)
- Yellow (74%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 66FEDA

FFFFFF

 A5FFFF

 C4FFFF

 E3FFFF

 66FEDA


 42E1BE

 06C4A3

 00A989

 008E70

 007357

 005A40

 00412A

 002B15

 000800


 66FEDA

 66FEDA

 4DFED4

 7FFEE0

 33FECE

 99FEE6

 1AFEC8

 B2FEEC

 00FEC2

 CCFEF2

 E5FEF8

 FEFEFE

 FFFEFF

Harmonies

Analogous

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



A7F9AD



66FEDA



00FEFF

Triad

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



66FEDA



DDDDFF



FFCF9B

Complementary

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



66FEDA



FE668A

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.



FFC3C2



66FEDA



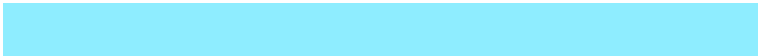
FFCCFF

Square

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



66FEDA



8EEDFF



FFC1F1



FFDF87

Rectangle

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



66FEDA



00BFFF



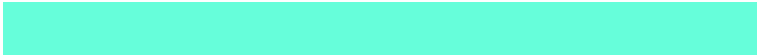
FFC1F1



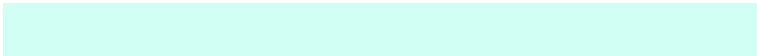
FFCAA7

Sweetspot

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



66FEDA



D1FFF4



8CFE66



638079



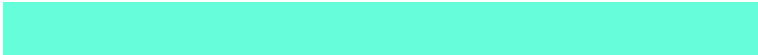
000000



808080

Same Dimension

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



66FEDA



47FFD4



66D8FE



73807C



00BF92



004031

Inverse Universe

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



FE668A



FF4773



FE8C66



807376



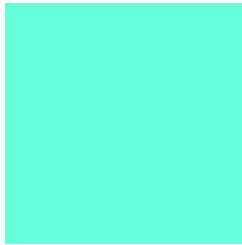
BF002D



40000F

Previews

White Background



This preview shows how the Hex color 66FEDA looks on a white background.

Color Contrast Check

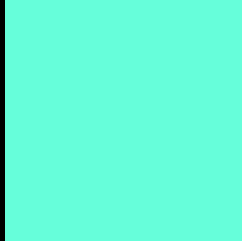
Large Text (above 18pt) WCAG AA × Fail

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 66FEDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

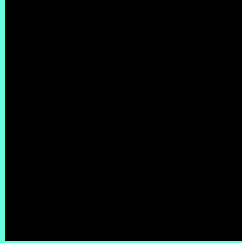
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

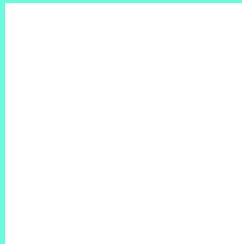
Any Text WCAG AAA ✓ Pass

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

Hex 66FEDA Background



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

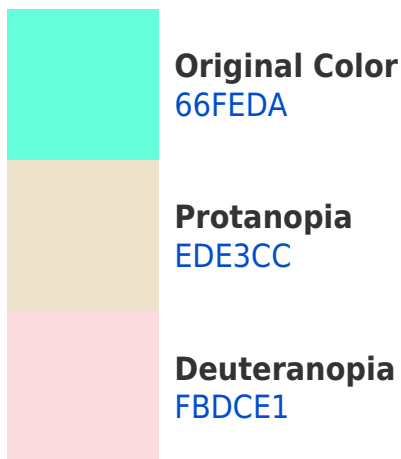


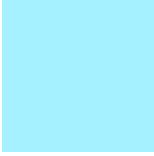
This preview shows how white text looks on a background with the Hex color 66FEDA.

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



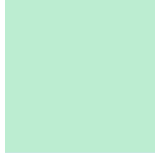


Tritanopia
A5F1FF

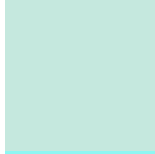
Trichromacy



Original Color
66FEDA



Protanomaly
BCEDD1



Deuteranomaly
C5E8DE

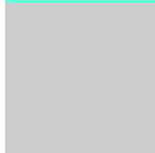


Tritanomaly
8EF6F2

Monochromacy



Original Color
66FEDA



Achromatopsia
CCCCCC



Achromatomaly
A7DED1

CSS Examples

Text

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

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

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 #66FEDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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