

Converting Colors

Hex(6ED634)

Have a look what the booklet for
Hex(6ED634) contains.

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Color

Hex(6ED634)

Conversions

Conversions Part 1

Format	Color
Hex	6ED634
RGB	110, 214, 52
RGB Percent	43%, 84%, 20%
CMY	0.5686, 0.1608, 0.7961
CMYK	0.49, 0.00, 0.76, 0.16
HSL	99°, 66%, 52%
HSV	99°, 76%, 84%
XYZ	31.0968, 51.6561, 11.5805
YIQ	164.4360, -9.9820, -72.4300

Conversions

Conversions Part 2

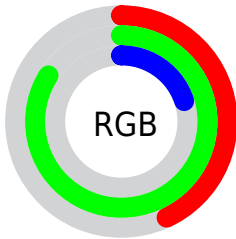
Format	Color
RYB	52, 214, 156
Decimal	7263796
CIELab	77.07, -56.65, 65.72
CIELCh	77, 86.764, 130.764
Yxy	51.6561, 0.3296, 0.5476
Android (android.graphics.Color)	4285453876 (0xFF6ED634)
YUV	164.4360, -55.4309, -47.7404
Hunter-Lab	71.8722, -48.5450, 40.7574

Details

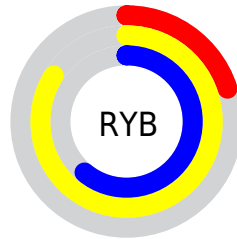
The Hex color **6ED634** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9C34D6**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A9FF6E**, and **2C9E00** is the 20% darker color. If you saturate the color by 10%, you get **60D61F**, and if you desaturate by 10%, it is **7CD649**.

Distribution



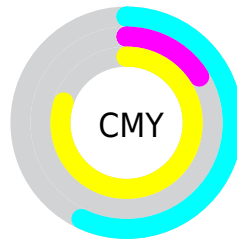
- Red (43%)
- Green (84%)
- Blue (20%)



- Red (20%)
- Yellow (84%)
- Blue (61%)



- Cyan (49%)
- Magenta (0%)
- Yellow (76%)
- Black (16%)



- Cyan (57%)
- Magenta (16%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ED634 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 6ED634 by changing the saturation by 10% instead.

 6ED634

 6ED634

FFFFFF

 4FBA0C

 A9FF6E

 2C9E00

 C7FF8A

 008300

 E5FFA6

 006900

 FFFFC3

 005000

 FFFFEO

 003800

FFFFFFD

 002000

 000000

 6ED634

 6ED634

 60D61F

 7CD649

 53D609

 89D65F

 4DD600

 97D674

 A5D68A

 B3D69F

 C0D6B4

 CED6CA

 DCD6DF

 EAD6F5

Harmonies

Analogous

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



C9C400



6ED634



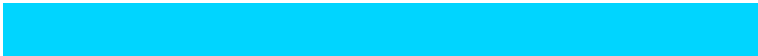
00E086

Triad

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



6ED634



00D5FF



FF68A5

Complementary

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



6ED634



9C34D6

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.



FF75F5



6ED634



00BEFF

Square

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



6ED634



00E0FF



E59BFF



FF8358

Rectangle

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



6ED634



00E2BE



E59BFF



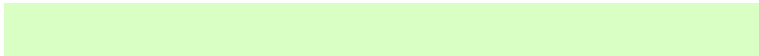
FF67C0

Sweetspot

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



6ED634



D9FFC4



D69B34



69805C



000000



808080

Same Dimension

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



6ED634



6AFF17



34D64A



646B60



3DAB00



102B00

Inverse Universe

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



9C34D6



AC17FF



D634C0



67606B



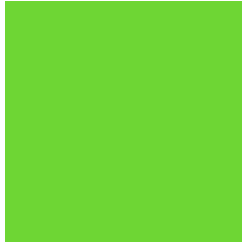
6E00AB



1C002B

Previews

White Background



This preview shows how the Hex color 6ED634 looks on a white background.

Color Contrast Check

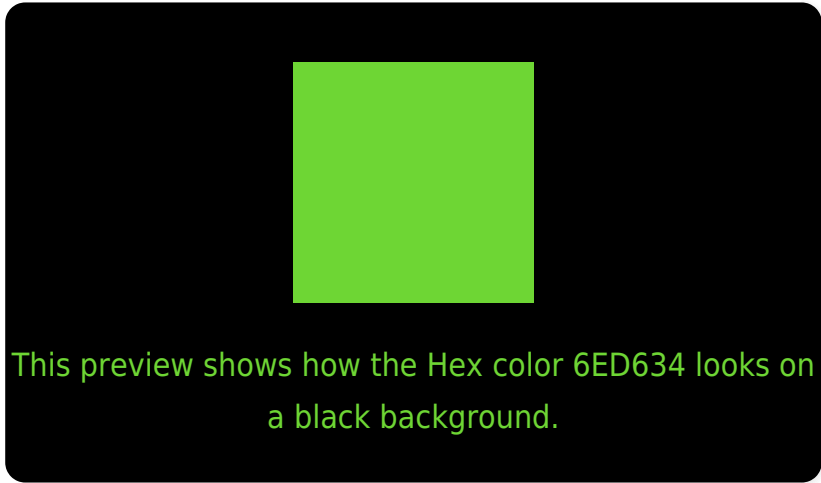
Large Text (above 18pt) WCAG AA × Fail

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 6ED634 Background



This preview shows how black text looks on a background with the Hex color 6ED634.

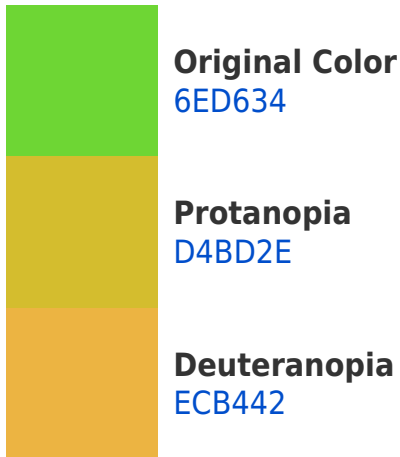


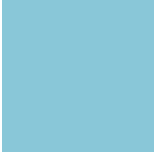
This preview shows how white text looks on a background with the Hex color 6ED634.

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
89C7D8

Trichromacy



Original Color
6ED634



Protanomaly
AFC630



Deuteranomaly
BEC03D



Tritanomaly
7FCC9C

Monochromacy



Original Color
6ED634



Achromatopsia
A4A4A4



Achromatomaly
90B67B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6ED634 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 #6ED634 looks like.

```
.text, #text, p{  
    color:#6ED634  
}
```

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 #6ED634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ED634
}
```

Border

The CSS property to change the border of an element to Hex 6ED634 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
#6ED634 }
```

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

```
.border{ border-color:#6ED634 }
```

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

Here you see how a box with a 4 pixel #6ED634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ED634; -webkit-box-shadow:4px 4px  
4px 4px #6ED634; box-shadow:4px 4px 4px  
4px #6ED634 }
```

Background

The CSS property to change the background color of an element to Hex 6ED634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ED634 }
```

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

```
.background{ background-color:#6ED634 }
```

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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