

Converting Colors

Hex(63ED41)

Have a look what the booklet for
Hex(63ED41) contains.

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Color

Hex(63ED41)

Conversions

Conversions Part 1

Format	Color
Hex	63ED41
RGB	99, 237, 65
RGB Percent	39%, 93%, 25%
CMY	0.6118, 0.0706, 0.7451
CMYK	0.58, 0.00, 0.73, 0.07
HSL	108°, 83%, 59%
HSV	108°, 73%, 93%
XYZ	36.3839, 63.6027, 15.3599
YIQ	176.1300, -27.0360, -82.7480

Conversions

Conversions Part 2

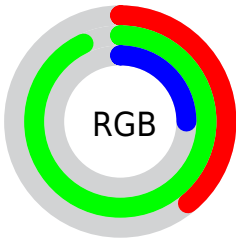
Format	Color
RYB	65, 237, 203
Decimal	6548801
CIELab	83.76, -66.95, 67.88
CIELCh	84, 95.343, 134.602
Yxy	63.6027, 0.3154, 0.5514
Android (android.graphics.Color)	4284738881 (0xFF63ED41)
YUV	176.1300, -54.7871, -67.6430
Hunter-Lab	79.7513, -58.1300, 44.4068

Details

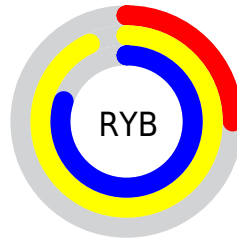
The Hex color **63ED41** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **CB41ED**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A2FF7B**, and **01B400** is the 20% darker color. If you saturate the color by 10%, you get **50ED29**, and if you desaturate by 10%, it is **76ED59**.

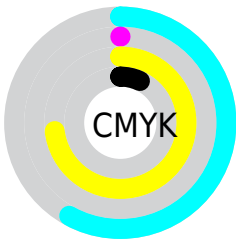
Distribution



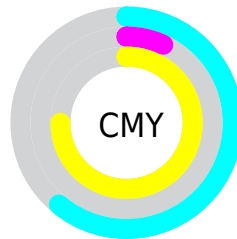
- Red (39%)
- Green (93%)
- Blue (25%)



- Red (25%)
- Yellow (93%)
- Blue (80%)



- Cyan (58%)
- Magenta (0%)
- Yellow (73%)
- Black (7%)



- Cyan (61%)
- Magenta (7%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63ED41 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 63ED41 by changing the saturation by 10% instead.

 63ED41

 63ED41

FFFFFF

 3FD01F

 A2FF7B

 01B400


 C1FF97

 009800

 E0FFB4

 007D00

 FFFFD1

 006300

 FFFFEE

 004900

 003200

 001600

 000000

 63ED41

 63ED41

 50ED29

 76ED59

 3DED12

 89ED70

 2FED00

 9CED88

 AFEDA0

 C2EDB7

 D5EDCF

 E8EDE7

 FBEDFF

 FFEDFF

Harmonies

Analogous

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



D1DA00



63ED41



00F79E

Triad

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



63ED41



00E8FF



FF70A9

Complementary

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



63ED41



CB41ED

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.



FF78FF



63ED41



4ECDFF

Square

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



63ED41



00F6FF



FFA3FF



FF9354

Rectangle

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



63ED41



00F9DD



FFA3FF



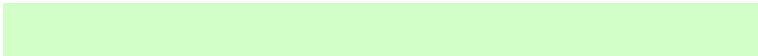
FF6DC7

Sweetspot

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



63ED41



D2FFC7



EDCB41



65805E



000000



808080

Same Dimension

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



63ED41



4DFF21



41ED75



6C756A



24B500



0B3600

Inverse Universe

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



CB41ED



D321FF



ED41B9



736A75



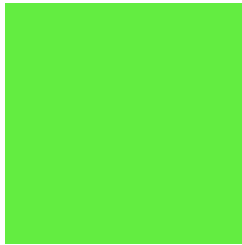
9100B5



2B0036

Previews

White Background



This preview shows how the Hex color 63ED41 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 63ED41 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 63ED41 Background



This preview shows how black text looks on a background with the Hex color 63ED41.

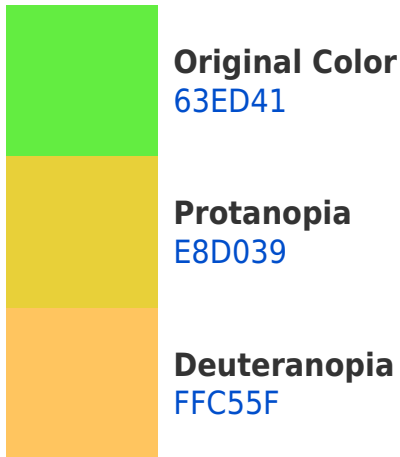


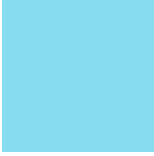
This preview shows how white text looks on a background with the Hex color 63ED41.

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
87DDEF

Trichromacy



Original Color
63ED41



Protanomaly
B8DB3C

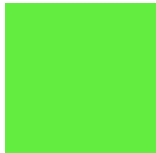


Deuteranomaly
C6D454

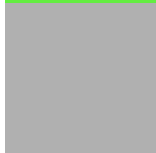


Tritanomaly
7AE3B0

Monochromacy



Original Color
63ED41



Achromatopsia
B0B0B0



Achromatomaly
94C688

CSS Examples

Text

The CSS property to change the color of the text to Hex 63ED41 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 #63ED41 looks like.

```
.text, #text, p{  
    color:#63ED41  
}
```

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 #63ED41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63ED41
}
```

Border

The CSS property to change the border of an element to Hex 63ED41 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
#63ED41 }
```

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

```
.border{ border-color:#63ED41 }
```

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

Here you see how a box with a 4 pixel #63ED41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63ED41; -webkit-box-shadow:4px 4px  
4px 4px #63ED41; box-shadow:4px 4px 4px  
4px #63ED41 }
```

Background

The CSS property to change the background color of an element to Hex 63ED41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63ED41 }
```

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

```
.background{ background-color:#63ED41 }
```

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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