

Converting Colors

Hex(62FD35)

Have a look what the booklet for
Hex(62FD35) contains.

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Color

Hex(62FD35)

Conversions

Conversions Part 1

Format	Color
Hex	62FD35
RGB	98, 253, 53
RGB Percent	38%, 99%, 21%
CMY	0.6157, 0.0078, 0.7922
CMYK	0.61, 0.00, 0.79, 0.01
HSL	106°, 98%, 60%
HSV	106°, 79%, 99%
XYZ	40.8049, 73.1043, 15.3281
YIQ	183.8550, -28.1800, -95.0600

Conversions

Conversions Part 2

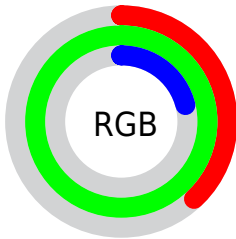
Format	Color
RYB	53, 253, 208
Decimal	6487349
CIELab	88.50, -73.23, 76.13
CIELCh	88, 105.630, 133.889
Yxy	73.1043, 0.3157, 0.5657
Android (android.graphics.Color)	4284677429 (0xFF62FD35)
YUV	183.8550, -64.5115, -75.2948
Hunter-Lab	85.5010, -64.4387, 49.2216

Details

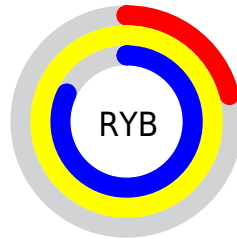
The Hex color **62FD35** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **D035FD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A4FF73**, and **00C300** is the 20% darker color. If you saturate the color by 10%, you get **4EFD1C**, and if you desaturate by 10%, it is **76FD4E**.

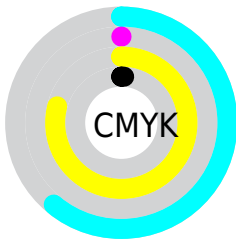
Distribution



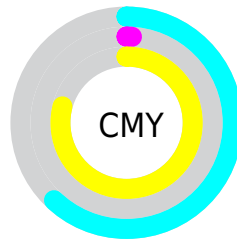
- Red (38%)
- Green (99%)
- Blue (21%)



- Red (21%)
- Yellow (99%)
- Blue (82%)



- Cyan (61%)
- Magenta (0%)
- Yellow (79%)
- Black (1%)



- Cyan (62%)
- Magenta (1%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62FD35 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 62FD35 by changing the saturation by 10% instead.

 62FD35

 62FD35

FFFFFF

 3BE000

 A4FF73

 00C300

 C4FF90

 00A700

 E3FFAE

 008B00

 FFFFCB

 007000

 FFFF E9

 005600

 003E00

 002400

 000000

 62FD35

 62FD35

 4EFD1C

 76FD4E

 3BFD02

 89FD68

 39FD00

 9DFD81

 B0FD9A

 C4FDB4

 D8FD CD

 EBFDE6

FFFDFE

Harmonies

Analogous

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



DFE800



62FD35



00FA2

Triad

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



62FD35



00F9FF



FF6BB4

Complementary

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



62FD35



D035FD

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.



FF77FF



62FD35



00DBFF

Square

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



62FD35



00FFFF



FFABFF



FF9554

Rectangle

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



62FD35



00FFE9



FFABFF



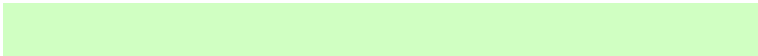
FF67D5

Sweetspot

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



62FD35



D0FFC2



FDCE35



63805B



000000



808080

Same Dimension

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



62FD35



43FF0D



35FD6A



768073



2BBF00



0E4000

Inverse Universe

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



D035FD



C80DFE



FD35C8



7D7380



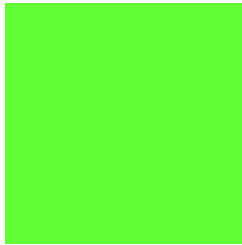
9400BF



310040

Previews

White Background



This preview shows how the Hex color 62FD35 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 62FD35 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

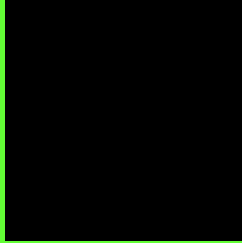
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

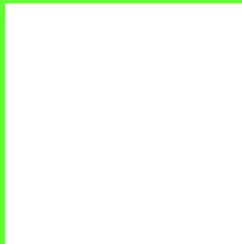
Any Text WCAG AAA ✓ Pass

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

Hex 62FD35 Background



This preview shows how black text looks on a background with the Hex color 62FD35.

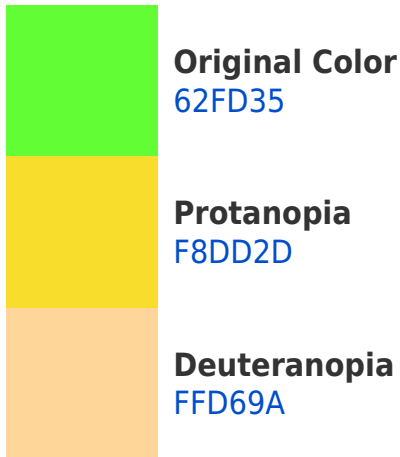


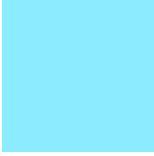
This preview shows how white text looks on a background with the Hex color 62FD35.

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](#).

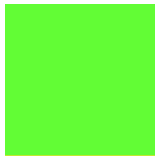
Dichromacy





Tritanopia
8BECFF

Trichromacy



Original Color
62FD35



Protanomaly
C1E930

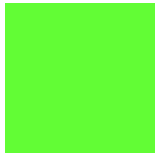


Deuteranomaly
C6E475

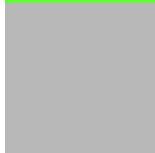


Tritanomaly
7CF2B6

Monochromacy



Original Color
62FD35



Achromatopsia
B8B8B8



Achromatomaly
99D188

CSS Examples

Text

The CSS property to change the color of the text to Hex 62FD35 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 #62FD35 looks like.

```
.text, #text, p{  
    color:#62FD35  
}
```

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 #62FD35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62FD35
}
```

Border

The CSS property to change the border of an element to Hex 62FD35 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
#62FD35 }
```

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

```
.border{ border-color:#62FD35 }
```

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

Here you see how a box with a 4 pixel #62FD35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62FD35; -webkit-box-shadow:4px 4px  
4px 4px #62FD35; box-shadow:4px 4px 4px  
4px #62FD35 }
```

Background

The CSS property to change the background color of an element to Hex 62FD35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62FD35 }
```

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

```
.background{ background-color:#62FD35 }
```

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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