

Converting Colors

Hex(62CE02)

Have a look what the booklet for
Hex(62CE02) contains.

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Color

Hex(62CE02)

Conversions

Conversions Part 1

Format	Color
Hex	62CE02
RGB	98, 206, 2
RGB Percent	38%, 81%, 1%
CMY	0.6157, 0.1922, 0.9922
CMYK	0.52, 0.00, 0.99, 0.19
HSL	92°, 98%, 41%
HSV	92°, 99%, 81%
XYZ	27.1193, 46.7437, 7.6505
YIQ	150.4520, 1.1160, -86.3400

Conversions

Conversions Part 2

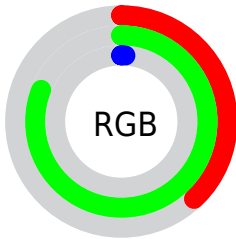
Format	Color
RYB	2, 206, 110
Decimal	6475266
CIELab	74.03, -58.87, 72.69
CIELCh	74, 93.539, 129.006
Yxy	46.7437, 0.3327, 0.5734
Android (android.graphics.Color)	4284665346 (0xFF62CE02)
YUV	150.4520, -73.1868, -46.0004
Hunter-Lab	68.3693, -48.8428, 41.2240

Details

The Hex color **62CE02** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **6E02CE**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9FFF53**, and **159700** is the 20% darker color. If you saturate the color by 10%, you get **61CE00**, and if you desaturate by 10%, it is **6DCE17**.

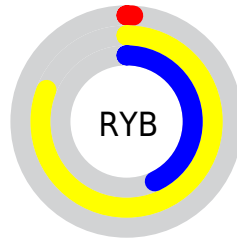
Distribution



Red (38%)

Green (81%)

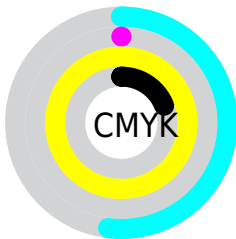
Blue (1%)



Red (1%)

Yellow (81%)

Blue (43%)

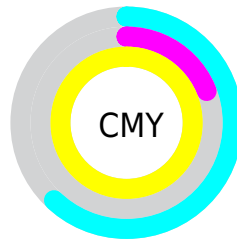


Cyan (52%)

Magenta (0%)

Yellow (99%)

Black (19%)



Cyan (62%)

Magenta (19%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62CE02 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 62CE02 by changing the saturation by 10% instead.

 62CE02

 62CE02

FFFFFF

 41B200

 9FFF53

 159700

 BDFF70

 007C00

 DBFF8D

 006200

 FAFFAA

 004900

 FFFFC7

 003200

 FFFFE4

 001700

 000000

 62CE02

 62CE02

■ 61CE00

■ 6DCE17

■ 78CE2B

■ 83CE40

■ 8ECE54

■ 99CE69

■ A3CE7E

■ AECE92

■ B9CEA7

■ C4CEBB

Harmonies

Analogous

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



C3BB00



62CE02



00D874

Triad

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



62CE02



00D0FF



FF4EA0

Complementary

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



62CE02



6E02CE

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.



FF62F5



62CE02



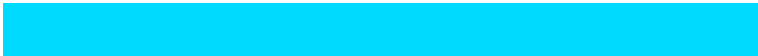
00B8FF

Square

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



62CE02



00DAFF



D792FF



FF704D

Rectangle

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



62CE02



00DBB0



D792FF



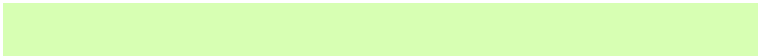
FF4EBD

Sweetspot

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



62CE02



D7FFB3



CE6B02



678052



000000



808080

Same Dimension

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



62CE02



78FF00



02CE05



61665C



4EA600



122600

Inverse Universe

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



6E02CE



8700FF



CE02CB



615C66



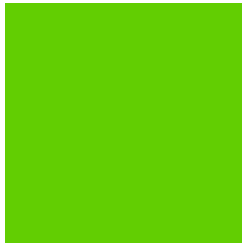
5800A6



140026

Previews

White Background



This preview shows how the Hex color 62CE02 looks on a white background.

Color Contrast Check

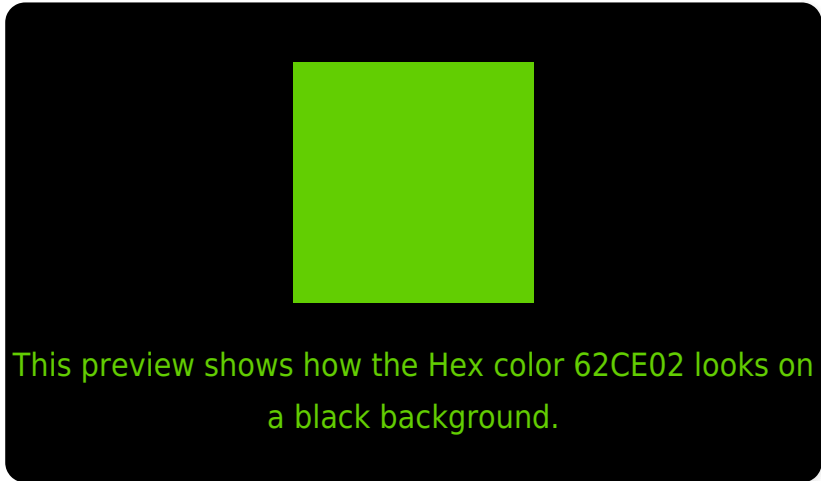
Large Text (above 18pt) WCAG AA × Fail

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 62CE02 Background



This preview shows how black text looks on a background with the Hex color 62CE02.

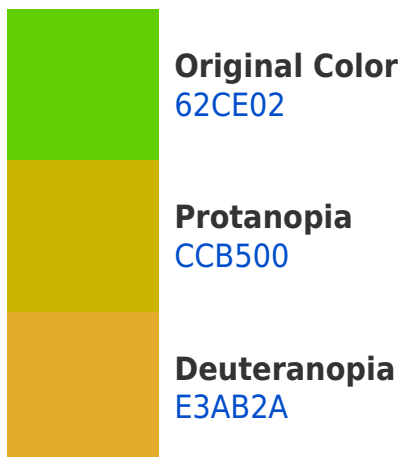


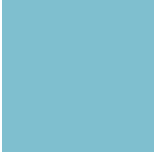
This preview shows how white text looks on a background with the Hex color 62CE02.

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](#).

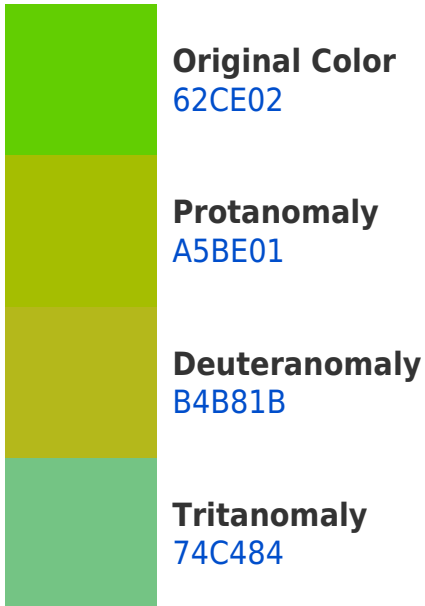
Dichromacy





Tritanopia
7FBFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62CE02 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 #62CE02 looks like.

```
.text, #text, p{  
    color:#62CE02  
}
```

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 #62CE02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62CE02
}
```

Border

The CSS property to change the border of an element to Hex 62CE02 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
#62CE02 }
```

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

```
.border{ border-color:#62CE02 }
```

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

Here you see how a box with a 4 pixel #62CE02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62CE02; -webkit-box-shadow:4px 4px  
4px 4px #62CE02; box-shadow:4px 4px 4px  
4px #62CE02 }
```

Background

The CSS property to change the background color of an element to Hex 62CE02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62CE02 }
```

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

```
.background{ background-color:#62CE02 }
```

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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