

Converting Colors

Hex(62DC2C)

Have a look what the booklet for
Hex(62DC2C) contains.

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Color

Hex(62DC2C)

Conversions

Conversions Part 1

Format	Color
Hex	62DC2C
RGB	98, 220, 44
RGB Percent	38%, 86%, 17%
CMY	0.6157, 0.1373, 0.8275
CMYK	0.55, 0.00, 0.80, 0.14
HSL	102°, 72%, 52%
HSV	102°, 80%, 86%
XYZ	31.0848, 53.9649, 11.1608
YIQ	163.4580, -16.2160, -80.6000

Conversions

Conversions Part 2

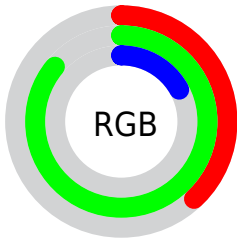
Format	Color
RYB	44, 220, 166
Decimal	6478892
CIELab	78.44, -62.59, 69.23
CIELCh	78, 93.327, 132.115
Yxy	53.9649, 0.3231, 0.5609
Android (android.graphics.Color)	4284668972 (0xFF62DC2C)
YUV	163.4580, -58.8928, -57.4067
Hunter-Lab	73.4608, -53.0244, 42.4147

Details

The Hex color **62DC2C** 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 **A62CDC**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A0FF69**, and **0EA400** is the 20% darker color. If you saturate the color by 10%, you get **53DC16**, and if you desaturate by 10%, it is **71DC42**.

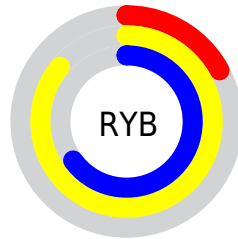
Distribution



Red (38%)

Green (86%)

Blue (17%)



Red (17%)

Yellow (86%)

Blue (65%)

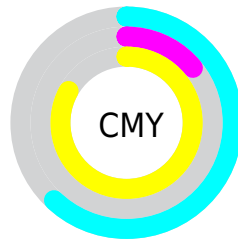


Cyan (55%)

Magenta (0%)

Yellow (80%)

Black (14%)



Cyan (62%)

Magenta (14%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62DC2C 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 62DC2C by changing the saturation by 10% instead.



62DC2C



62DC2C

FFFFFF



40C000



A0FF69



0EA400



BEFF85



008900



DCFFA2



006E00



FBFFBE



005400



FFFFDC



003C00



FFFFF9



002400



000000



62DC2C



62DC2C

 53DC16

 71DC42

 43DC00

 81DC58

 90DC6E

 9FDC84

 AEDC9A

 BEDCB0

 CDDCC6

 DCDCDC

 EBDCF2

Harmonies

Analogous

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



C8C900



62DC2C



00E689

Triad

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



62DC2C



00DAFF



FF60A3

Complementary

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



62DC2C



A62CDC

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.



FF6DFA



62DC2C



00C1FF

Square

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



62DC2C



00E6FF



F099FF



FF8250

Rectangle

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



62DC2C



00E8C6



F099FF



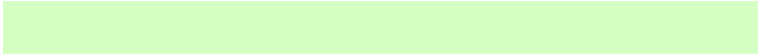
FF5EC0

Sweetspot

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



62DC2C



D5FFC2



DCA42C



66805B



000000



808080

Same Dimension

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



62DC2C



55FF0A



2CDC4C



666E63



35AD00



0E2E00

Inverse Universe

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



A62CDC



B40AFF



DC2CBC



6A636E



7800AD



20002E

Previews

White Background



This preview shows how the Hex color 62DC2C 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 62DC2C 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 62DC2C Background



This preview shows how black text looks on a background with the Hex color 62DC2C.

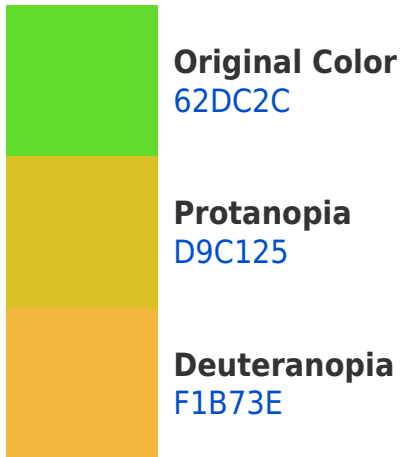


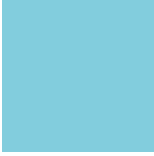
This preview shows how white text looks on a background with the Hex color 62DC2C.

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
82CDDD

Trichromacy



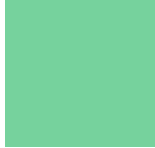
Original Color
62DC2C



Protanomaly
AECB28



Deuteranomaly
BDC437



Tritanomaly
76D29D

Monochromacy



Original Color
62DC2C



Achromatopsia
A3A3A3



Achromatomaly
8BB878

CSS Examples

Text

The CSS property to change the color of the text to Hex 62DC2C 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 #62DC2C looks like.

```
.text, #text, p{  
    color:#62DC2C  
}
```

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 #62DC2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62DC2C
}
```

Border

The CSS property to change the border of an element to Hex 62DC2C 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
#62DC2C }
```

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

```
.border{ border-color:#62DC2C }
```

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

Here you see how a box with a 4 pixel #62DC2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62DC2C; -webkit-box-shadow:4px 4px  
4px 4px #62DC2C; box-shadow:4px 4px 4px  
4px #62DC2C }
```

Background

The CSS property to change the background color of an element to Hex 62DC2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62DC2C }
```

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

```
.background{ background-color:#62DC2C }
```

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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