

Converting Colors

Hex(62C65D)

Have a look what the booklet for
Hex(62C65D) contains.

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Color

Hex(62C65D)

Conversions

Conversions Part 1

Format	Color
Hex	62C65D
RGB	98, 198, 93
RGB Percent	38%, 78%, 36%
CMY	0.6157, 0.2235, 0.6353
CMYK	0.51, 0.00, 0.53, 0.22
HSL	117°, 48%, 57%
HSV	117°, 53%, 78%
XYZ	27.2069, 43.7752, 17.3714
YIQ	156.1300, -25.8950, -53.8550

Conversions

Conversions Part 2

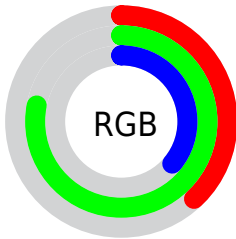
Format	Color
RYB	93, 198, 193
Decimal	6473309
CIELab	72.08, -50.13, 43.39
CIELCh	72, 66.294, 139.122
Yxy	43.7752, 0.3079, 0.4955
Android (android.graphics.Color)	4284663389 (0xFF62C65D)
YUV	156.1300, -31.1231, -50.9800
Hunter-Lab	66.1628, -42.3837, 30.7470

Details

The Hex color **62C65D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **C15DC6**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9BFF92**, and **238F2A** is the 20% darker color. If you saturate the color by 10%, you get **4FC649**, and if you desaturate by 10%, it is **75C671**.

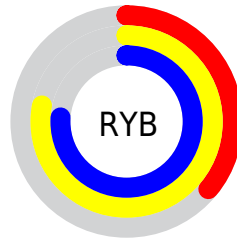
Distribution



Red (38%)

Green (78%)

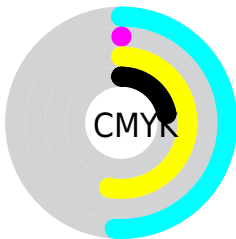
Blue (36%)



Red (36%)

Yellow (78%)

Blue (76%)

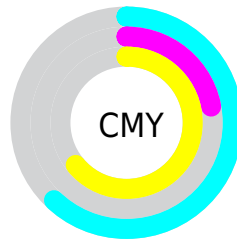


Cyan (51%)

Magenta (0%)

Yellow (53%)

Black (22%)



Cyan (62%)

Magenta (22%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62C65D 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 62C65D by changing the saturation by 10% instead.

 62C65D

 62C65D

FFFFFF

 45AA44

 9BFF92

 238F2A

 B8FFAD

 00750D

 D5FFC9

 005B00

 F3FFE5

 004300

 002D00

 000E00

 000000

 62C65D

 62C65D

 4FC649

 75C671

 3CC635

 88C685

 29C622

 9BC698

 17C60E

 ADC6AC

 09C600

 C0C6C0

 D3C6D4

 E6C6E8

 F9C6FB

 FFC6FF

Harmonies

Analogous

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



ABB932



62C65D



00CC98

Triad

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



62C65D



00BEFF



FF7A8D

Complementary

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



62C65D



C15DC6

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.



FF7BC9



62C65D



89AAFF

Square

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



62C65D



00CAFF



E490FF



FF8E57

Rectangle

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



62C65D



00CEC2



E490FF



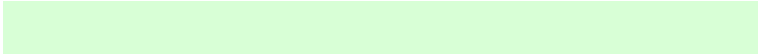
FF78A1

Sweetspot

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



62C65D



D8FFD6



C6C15D



688067



000000



808080

Same Dimension

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



62C65D



64FF5C



5DC68C



5A635A



08A300



022400

Inverse Universe

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



C15DC6



F75CFF



C65D97



635A63



9B00A3



220024

Previews

White Background



This preview shows how the Hex color 62C65D looks on a white background.

Color Contrast Check

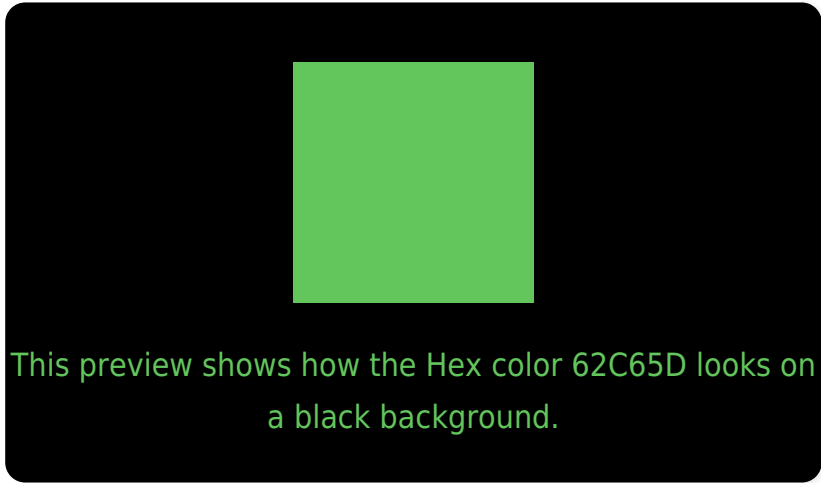
Large Text (above 18pt) WCAG AA × Fail

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

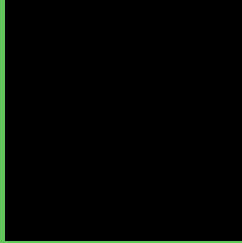
Any Text WCAG AA ✓ Pass

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 62C65D Background



This preview shows how black text looks on a background with the Hex color 62C65D.

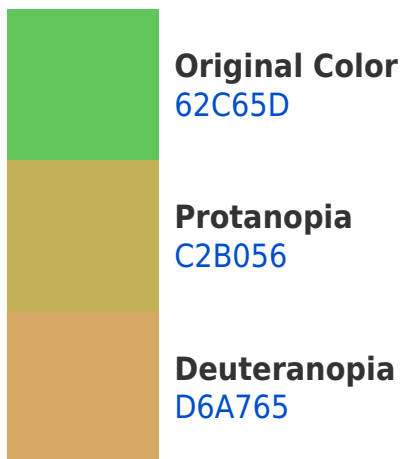


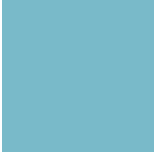
This preview shows how white text looks on a background with the Hex color 62C65D.

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](#).

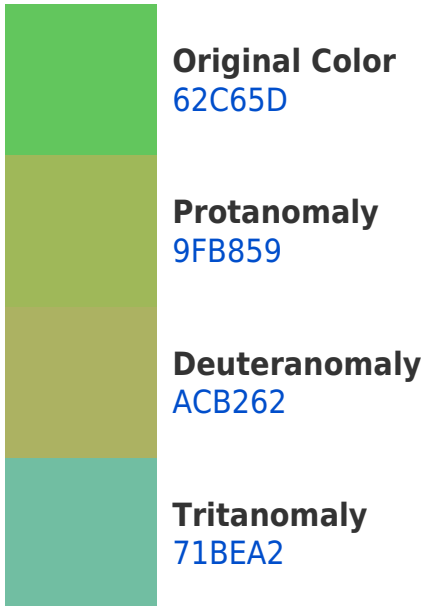
Dichromacy



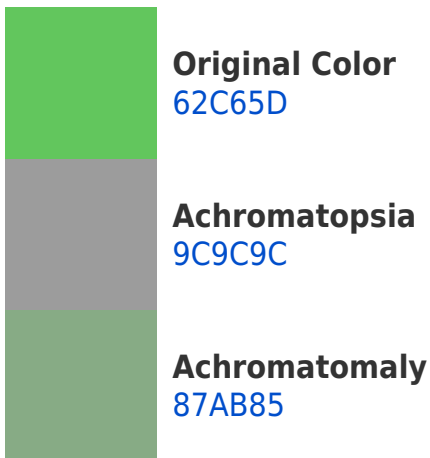


Tritanopia
79BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62C65D 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 #62C65D looks like.

```
.text, #text, p{  
    color:#62C65D  
}
```

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 #62C65D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C65D
}
```

Border

The CSS property to change the border of an element to Hex 62C65D 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
#62C65D }
```

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

```
.border{ border-color:#62C65D }
```

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

Here you see how a box with a 4 pixel #62C65D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C65D; -webkit-box-shadow:4px 4px  
4px 4px #62C65D; box-shadow:4px 4px 4px  
4px #62C65D }
```

Background

The CSS property to change the background color of an element to Hex 62C65D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C65D }
```

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

```
.background{ background-color:#62C65D }
```

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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