

Converting Colors

Hex(62B63D)

Have a look what the booklet for
Hex(62B63D) contains.

Hex(62B63D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62B63D)

Conversions

Conversions Part 1

Format	Color
Hex	62B63D
RGB	98, 182, 61
RGB Percent	38%, 71%, 24%
CMY	0.6157, 0.2863, 0.7608
CMYK	0.46, 0.00, 0.66, 0.29
HSL	102°, 50%, 48%
HSV	102°, 66%, 71%
XYZ	22.6073, 36.3895, 10.2472
YIQ	143.0900, -11.2230, -55.4390

Conversions

Conversions Part 2

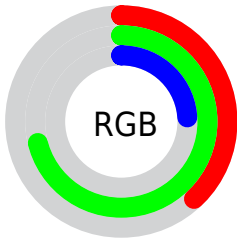
Format	Color
RYB	61, 182, 145
Decimal	6469181
CIELab	66.82, -47.17, 51.81
CIELCh	67, 70.072, 132.316
Yxy	36.3895, 0.3265, 0.5255
Android (android.graphics.Color)	4284659261 (0xFF62B63D)
YUV	143.0900, -40.4704, -39.5439
Hunter-Lab	60.3237, -38.6708, 32.1550

Details

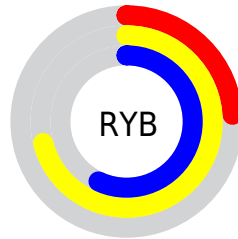
The Hex color **62B63D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **913DB6**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9BEF72**, and **268000** is the 20% darker color. If you saturate the color by 10%, you get **55B62B**, and if you desaturate by 10%, it is **6FB64F**.

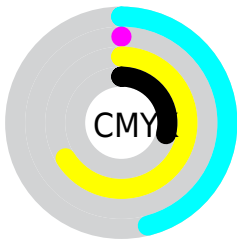
Distribution



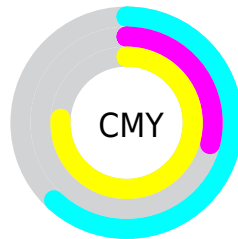
- Red (38%)
- Green (71%)
- Blue (24%)



- Red (24%)
- Yellow (71%)
- Blue (57%)



- Cyan (46%)
- Magenta (0%)
- Yellow (66%)
- Black (29%)



- Cyan (62%)
- Magenta (29%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62B63D 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 62B63D by changing the saturation by 10% instead.

 62B63D

 62B63D

FFFFFF

 459B21

 9BEF72

 268000

 B7FF8D

 006600

 D4FFA8

 004E00

 F2FFC5

 003600

 FFFFE1

 002000

FFFFFFE

 000000

 62B63D

 62B63D

 55B62B

 6FB64F

 49B619

 7BB661

 3CB606

 88B674

 38B600

 95B686

 A1B698

 AEB6AA

 BAB6BC

 C7B6CF

 D4B6E1

Harmonies

Analogous

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



A9A806



62B63D



00BE7A

Triad

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



62B63D



00B4FF



FF648B

Complementary

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



62B63D



913DB6

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.



FF6BCA



62B63D



4AA1FF

Square

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



62B63D



00BEF6



C686FF



FF7750

Rectangle

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



62B63D



00C0A6



C686FF



FF63A0

Sweetspot

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



62B63D



CCEDBE



B6903D



64785B



F7F7F7



787878

Same Dimension

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



62B63D



69ED2F



3DB653



555C53



309C00



091C00

Inverse Universe

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



913DB6



B32FED



B63DA0



59535C



6C009C



13001C

Previews

White Background



This preview shows how the Hex color 62B63D looks on a white background.

Color Contrast Check

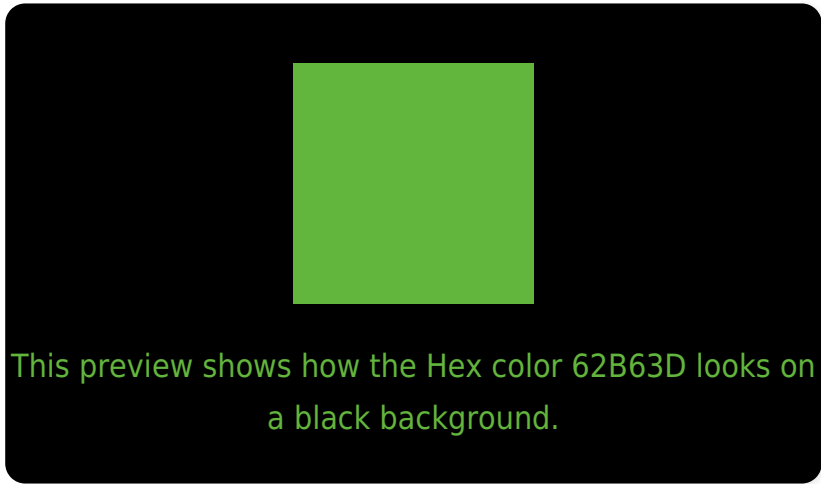
Large Text (above 18pt) WCAG AA × Fail

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

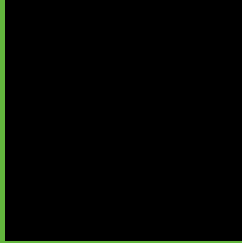
Any Text WCAG AA ✓ Pass

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 62B63D Background



This preview shows how black text looks on a background with the Hex color 62B63D.



This preview shows how white text looks on a background with the Hex color 62B63D.

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



Original Color
62B63D

Protanopia
B5A237

Deuteranopia
C89A46



Tritanopia
77AAB8

Trichromacy



Original Color
62B63D



Protanomaly
97A939



Deuteranomaly
A3A443



Tritanomaly
6FAE8B

Monochromacy



Original Color
62B63D



Achromatopsia
8F8F8F



Achromatomaly
7F9D71

CSS Examples

Text

The CSS property to change the color of the text to Hex 62B63D 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 #62B63D looks like.

```
.text, #text, p{  
    color:#62B63D  
}
```

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 #62B63D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62B63D
}
```

Border

The CSS property to change the border of an element to Hex 62B63D 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
#62B63D }
```

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

```
.border{ border-color:#62B63D }
```

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

Here you see how a box with a 4 pixel #62B63D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62B63D; -webkit-box-shadow:4px 4px  
4px 4px #62B63D; box-shadow:4px 4px 4px  
4px #62B63D }
```

Background

The CSS property to change the background color of an element to Hex 62B63D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62B63D }
```

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

```
.background{ background-color:#62B63D }
```

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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