Converting Colors

Hex(62B766)

Have a look what the booklet for Hex(62B766) contains.

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Color

Hex(62B766)

Conversions

Conversions Part 1

Format	Color
Hex	62B766
RGB	98, 183, 102
RGB Percent	38%, 72%, 40%
CMY	0.6157, 0.2824, 0.6000
CMYK	0.46, 0.00, 0.44, 0.28
HSL	123°, 37%, 55%
HSV	123°, 46%, 72%
XYZ	24.3688, 37.4230, 18.5094
YIQ	148.3510, -24.6590, -43.2110

Conversions

Conversions Part 2

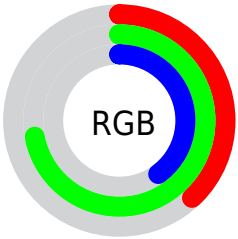
Format	Color
RYB	98, 179, 183
Decimal	6469478
CIELab	67.59, -42.68, 33.33
CIELCh	68, 54.151, 142.006
Yxy	37.4230, 0.3035, 0.4660
Android (android.graphics.Color)	4284659558 (0xFF62B766)
YUV	148.3510, -22.8510, -44.1578
Hunter-Lab	61.1743, -35.9496, 24.8828

Details

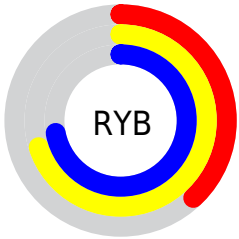
The Hex color 62B766 is a dark color, and the websafe version is hex 66CC66. A complement of this color would be B762B3, and the grayscale version is 959595.

A 20% lighter version of the original color is 99F09A, and 298135 is the 20% darker color. If you saturate the color by 10%, you get 50B755, and if you desaturate by 10%, it is 74B777.

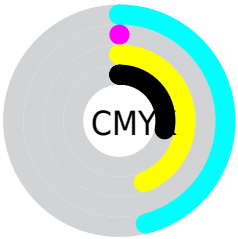
Distribution



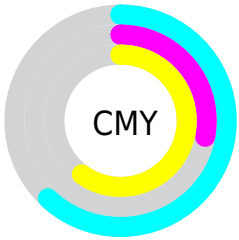
- Red (38%)
- Green (72%)
- Blue (40%)



- Red (38%)
- Yellow (70%)
- Blue (72%)



- Cyan (46%)
- Magenta (0%)
- Yellow (44%)
- Black (28%)



- Cyan (62%)
- Magenta (28%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62B766 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 62B766 by changing the saturation by 10% instead.

62B766

FFFFFF

99F09A

B6FFB5

D2FFD1

F0FFEE

62B766

469C4D

298135

00671D

004F03

003700

002200

000000

62B766

50B755

62B766

74B777

3DB743

2BB732

19B720

07B70F

00B709

87B789

99B79A

ABB7AC

BEB7BD

D0B7CF

E2B7E0

F4B7F2

FFB7FF

Harmonies

Analogous

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

9DAD45

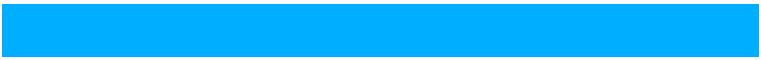
62B766

00BC95

Triad

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

62B766



00AEFF

FF7C83

Complementary

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

62B766

B762B3

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.

F87BB4

62B766

919DFF

Square

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

62B766

00B8F1

D489E1

EE8B59

Rectangle

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

62B766

00BDB7

D489E1

FF7A93

Sweetspot

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

62B766

CCEDCE

B4B762

637864

F7F7F7

787878

Same Dimension

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

62B766

68ED6F

62B78F

535C53

009C07

001C01

Inverse Universe

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

B762B3

ED68E7

B7628A

5C535B

9C0094

1C001B

Previews

White Background

This preview shows how the Hex color 62B766 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 62B766 looks on a black background.

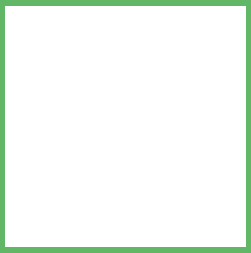
Color Contrast Check

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 62B766 Background

This preview shows how black text looks on a background with the Hex color 62B766.

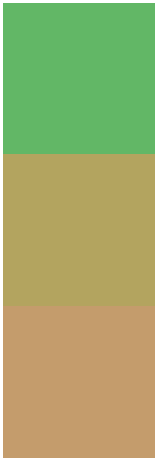


This preview shows how white text looks on a background with the Hex color 62B766.

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
62B766

Protanopia
B3A45F

Deuteranopia
C49C6C

Tritanopia
74ADBB

Trichromacy

Original Color
62B766

Protanomaly
96AB62

Deuteranomaly
A0A66A

Tritanomaly
6DB19C

Monochromacy

Original Color
62B766

Achromatopsia
949494

Achromatomaly
82A183

CSS Examples

Text

The CSS property to change the color of the text to Hex 62B766 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 #62B766 looks like.

```
.text, #text, p{
    color:#62B766
}
```

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 #62B766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62B766
}
```

Border

The CSS property to change the border of an element to Hex 62B766 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
#62B766 }
```

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

```
.border{ border-color:#62B766 }
```

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

Here you see how a box with a 4 pixel #62B766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #62B766; -webkit-box-shadow:4px 4px 4px 4px #62B766; box-shadow:4px 4px 4px 4px #62B766 }
```

Background

The CSS property to change the background color of an element to Hex 62B766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#62B766 }
```

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

```
.background{ background-color:#62B766 }
```

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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