

# Converting Colors

Hex(6BA058)

Have a look what the booklet for  
Hex(6BA058) contains.

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**Color**

**Hex(6BA058)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6BA058
RGB	107, 160, 88
RGB Percent	42%, 63%, 35%
CMY	0.5804, 0.3725, 0.6549
CMYK	0.33, 0.00, 0.45, 0.37
HSL	104°, 29%, 49%
HSV	104°, 45%, 63%
XYZ	20.3957, 28.9720, 13.7497
YIQ	135.9450, -8.4760, -33.6280

# Conversions

## Conversions Part 2

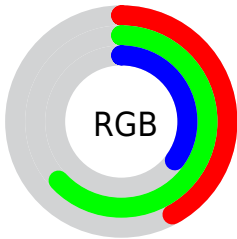
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 160, 141
Decimal	7053400
CIE <sub>Lab</sub>	60.76, -31.51, 32.00
CIE <sub>LCh</sub>	61, 44.906, 134.554
Yxy	28.9720, 0.3231, 0.4590
Android (android.graphics.Color)	4285243480 (0xFF6BA058)
YUV	135.9450, -23.6369, -25.3848
Hunter-Lab	53.8256, -26.5575, 22.5324

# Details

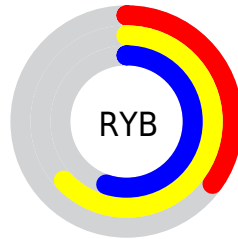
The Hex color **6BA058** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8D58A0**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A0D78B**, and **386C28** is the 20% darker color. If you saturate the color by 10%, you get **5FA048**, and if you desaturate by 10%, it is **77A068**.

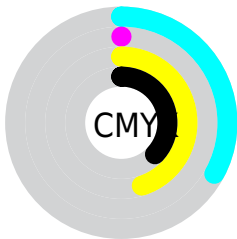
# Distribution



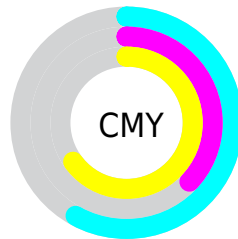
- Red (42%)
- Green (63%)
- Blue (35%)



- Red (35%)
- Yellow (63%)
- Blue (55%)



- Cyan (33%)
- Magenta (0%)
- Yellow (45%)
- Black (37%)



- Cyan (58%)
- Magenta (37%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BA058 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 6BA058 by changing the saturation by 10% instead.





6BA058



6BA058

FFFFFF



518640



A0D78B



386C28



BCF4A6



1E5310



D8FFC1



013C00



F5FFDD



002600



FFFFFFA



000500



000000



6BA058



6BA058



5FA048



77A068

 53A038

 83A078

 48A028

 8EA088

 3CA018

 9AA098

 30A008

 A6A0A8

 2AA000

 B2A0B8

 BDA0C8

 C9A0D8

 D5A0E8

# Harmonies

## Analogous

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



979643



6BA058



29A57C

# Triad

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



6BA058



009DDE



DD7281

# Complementary

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



6BA058



8D58A0

# 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.



D274A9



6BA058



7390DF

# Square

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



6BA058



00A4C9



AE81CB



D57B5D

# Rectangle

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



6BA058



00A798



AE81CB



DC718E



# Sweetspot

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



6BA058



BCD1B4



A08D58



5B6957



E8E8E8



696969



# Same Dimension

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



6BA058



7ED160



58A069



494F47



268F00



040F00



# Inverse Universe

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



8D58A0



B360D1



A0588F



4D474F



69008F



0B000F



# Previews

## White Background



This preview shows how the Hex color 6BA058 looks on a white background.

## Color Contrast Check

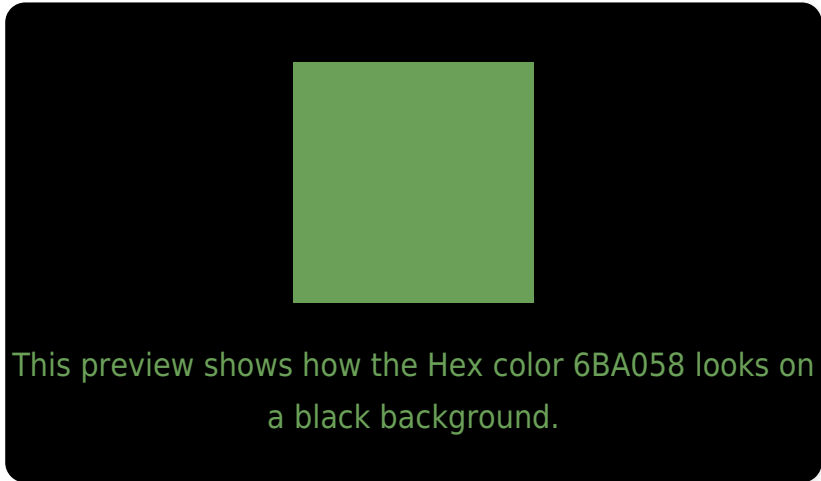
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BA058 Background



This preview shows how black text looks on a background with the Hex color 6BA058.



This preview shows how white text looks on a background with the Hex color 6BA058.

# 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**  
7897A3

# Trichromacy



**Original Color**  
6BA058

**Protanomaly**  
8D9755

**Deuteranomaly**  
97935B

**Tritanomaly**  
739A88

# Monochromacy



**Original Color**  
6BA058

**Achromatopsia**  
888888

**Achromatomaly**  
7D9177

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BA058 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 #6BA058 looks like.

```
.text, #text, p{  
    color:#6BA058  
}
```

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 #6BA058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA058  
}
```

## Border

The CSS property to change the border of an element to Hex 6BA058 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  
#6BA058 }
```

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

```
.border{ border-color:#6BA058 }
```

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

Here you see how a box with a 4 pixel #6BA058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA058; -webkit-box-shadow:4px 4px  
4px 4px #6BA058; box-shadow:4px 4px 4px  
4px #6BA058 }
```

# Background

The CSS property to change the background color of an element to Hex 6BA058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA058 }
```

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

```
.background{ background-color:#6BA058 }
```

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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