

# Converting Colors

Hex(6AA15F)

Have a look what the booklet for  
Hex(6AA15F) contains.

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# Color

**Hex(6AA15F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AA15F
RGB	106, 161, 95
RGB Percent	42%, 63%, 37%
CMY	0.5843, 0.3686, 0.6275
CMYK	0.34, 0.00, 0.41, 0.37
HSL	110°, 26%, 50%
HSV	110°, 41%, 63%
XYZ	20.7543, 29.3801, 15.4035
YIQ	137.0310, -11.5940, -32.1860

# Conversions

## Conversions Part 2

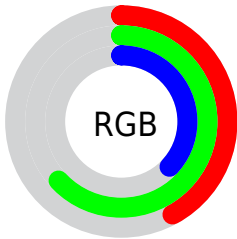
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 161, 150
Decimal	6988127
CIELab	61.12, -31.31, 28.75
CIELCh	61, 42.503, 137.442
Yxy	29.3801, 0.3167, 0.4483
Android (android.graphics.Color)	4285178207 (0xFF6AA15F)
YUV	137.0310, -20.7213, -27.2142
Hunter-Lab	54.2034, -26.5091, 21.0934

# Details

The Hex color **6AA15F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **965FA1**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9FD892**, and **376D2F** is the 20% darker color. If you saturate the color by 10%, you get **5DA14F**, and if you desaturate by 10%, it is **77A16F**.

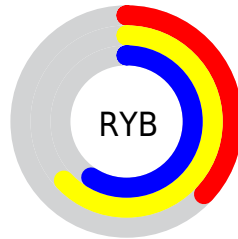
# Distribution



Red (42%)

Green (63%)

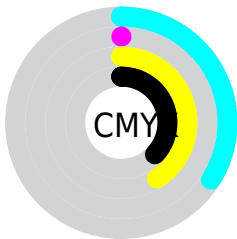
Blue (37%)



Red (37%)

Yellow (63%)

Blue (59%)

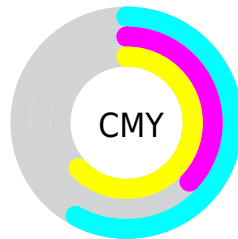


Cyan (34%)

Magenta (0%)

Yellow (41%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AA15F 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 6AA15F by changing the saturation by 10% instead.



 6AA15F

 6AA15F

FFFFFF

 508747

 9FD892

 376D2F

 BBF5AD

 1D5418

 D7FFC9

 003D00

 F4FFE5

 002700

 000800

 000000

 6AA15F

 6AA15F

 5DA14F

 77A16F

 4FA13F

 85A17F

 42A12F

 92A18F

 34A11F

 A0A19F

 27A10F

 ADA1B0

 1BA100

 BBA1C0

 C8A1D0

 D5A1E0

 E3A1F0

# Harmonies

## Analogous

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



959849



6AA15F



2DA682

# Triad

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



6AA15F



269CDC



DB757F

# Complementary

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



6AA15F



965FA1

# 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.



D276A5



6AA15F



7E90DB

# Square

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



6AA15F



00A4CA



B281C7



D17E5E

# Rectangle

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



6AA15F



00A79C



B281C7



DA748B



# Sweetspot

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



6AA15F



BCD1B8



A1965F



5C695A



E8E8E8



696969



# Same Dimension

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



6AA15F



7CD16B



5FA175



4B5249



189100



031200



# Inverse Universe

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



965FA1



C06BD1



A15F8B



504952



790091



0F0012



# Previews

## White Background



This preview shows how the Hex color 6AA15F looks on a white background.

## Color Contrast Check

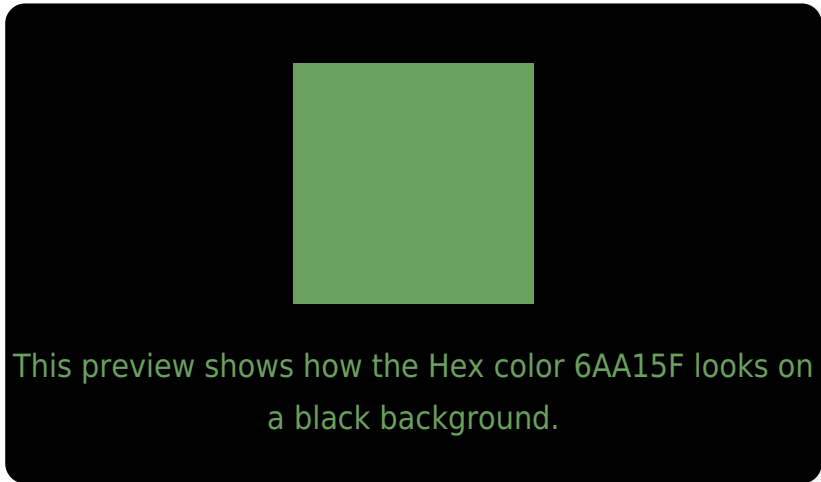
Large Text (above 18pt) WCAG AA ✓ Pass

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

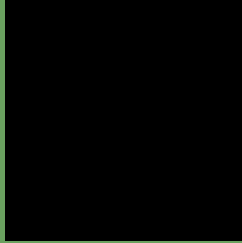
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6AA15F Background



This preview shows how black text looks on a background with the Hex color 6AA15F.

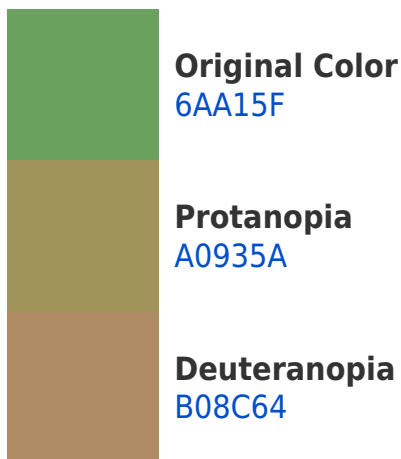


This preview shows how white text looks on a background with the Hex color 6AA15F.

# 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](#).

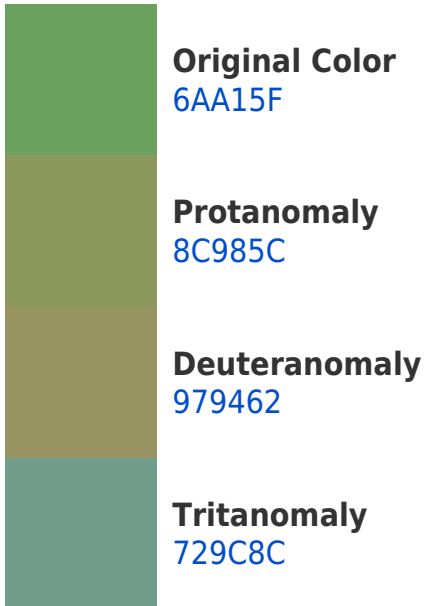
## Dichromacy



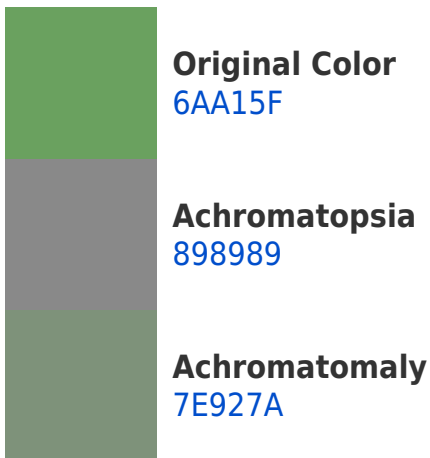


**Tritanopia**  
7699A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AA15F 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 #6AA15F looks like.

```
.text, #text, p{  
    color:#6AA15F  
}
```

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 #6AA15F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA15F
}
```

## Border

The CSS property to change the border of an element to Hex 6AA15F 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
#6AA15F }
```

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

```
.border{ border-color:#6AA15F }
```

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

Here you see how a box with a 4 pixel #6AA15F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA15F; -webkit-box-shadow:4px 4px  
4px 4px #6AA15F; box-shadow:4px 4px 4px  
4px #6AA15F }
```

# Background

The CSS property to change the background color of an element to Hex 6AA15F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA15F }
```

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

```
.background{ background-color:#6AA15F }
```

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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