

# Converting Colors

Hex(6BA10E)

Have a look what the booklet for  
Hex(6BA10E) contains.

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**Color**

**Hex(6BA10E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BA10E
RGB	107, 161, 14
RGB Percent	42%, 63%, 5%
CMY	0.5804, 0.3686, 0.9451
CMYK	0.34, 0.00, 0.91, 0.37
HSL	82°, 84%, 34%
HSV	82°, 91%, 63%
XYZ	18.8875, 28.6472, 4.9495
YIQ	128.0960, 15.0030, -57.1650

# Conversions

## Conversions Part 2

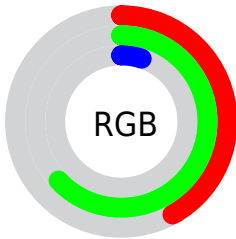
Format	Color
<a href="#">RYB</a>	<a href="#">14, 161, 68</a>
Decimal	<a href="#">7053582</a>
CIELab	<a href="#">60.47, -37.83, 60.47</a>
CIElCh	<a href="#">60, 71.326, 122.034</a>
Yxy	<a href="#">28.6472, 0.3599, 0.5458</a>
Android (android.graphics.Color)	<a href="#">4285243662 (0xFF6BA10E)</a>
YUV	<a href="#">128.0960, -56.2493, -18.5012</a>
Hunter-Lab	<a href="#">53.5231, -30.6754, 31.9834</a>

# Details

The Hex color **6BA10E** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **440EA1**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A3D84E**, and **336D00** is the 20% darker color. If you saturate the color by 10%, you get **66A100**, and if you desaturate by 10%, it is **71A11E**.

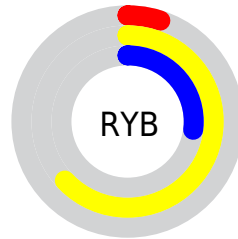
# Distribution



Red (42%)

Green (63%)

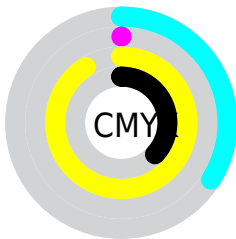
Blue (5%)



Red (5%)

Yellow (63%)

Blue (27%)

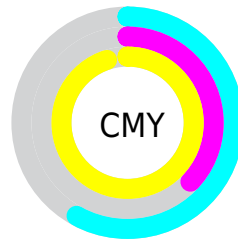


Cyan (34%)

Magenta (0%)

Yellow (91%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BA10E 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 6BA10E by changing the saturation by 10% instead.



6BA10E

6BA10E

FFFFFF

4F8700

A3D84E

336D00

C0F569

145400

D0FF85

003C00

FAFFA0

002700

FFFFBD

000300

FFFFD9

000000

FFFFFF7

6BA10E

6BA10E

■ 66A100

■ 71A11E

■ 77A12E

■ 7DA13E

■ 83A14E

■ 89A15F

■ 8EA16F

■ 94A17F

■ 9AA18F

■ A0A19F

# Harmonies

## Analogous

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



AB9000



6BA10E



00AA53

# Triad

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



6BA10E



00A7FF



FF4D90

# Complementary

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



6BA10E



440EA1

# 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.



E060CE



6BA10E



0098FF

# Square

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



6BA10E



00AED3



957FFD



FB5B53

# Rectangle

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



6BA10E



00AD7E



957FFD



F950A5



# Sweetspot

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



6BA10E



BCD199



A1440E



5C6947



E8E8E8



696969



# Same Dimension

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



6BA10E



84D100



22A10E



4F5249



5C9100



0B1200



# Inverse Universe

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



440EA1



4D00D1



8D0EA1



4C4952



350091



070012



# Previews

## White Background



This preview shows how the Hex color 6BA10E looks on a white background.

## Color Contrast Check

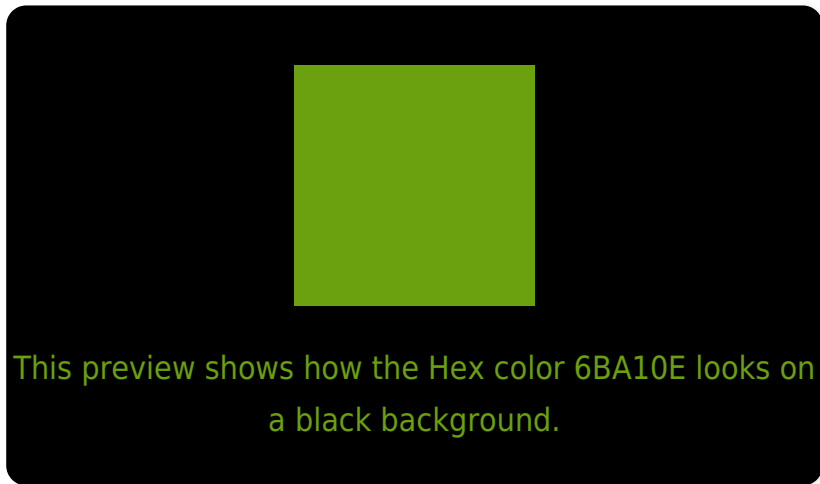
Large Text (above 18pt) WCAG AA ✓ Pass

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 6BA10E Background



This preview shows how black text looks on a background with the Hex color 6BA10E.

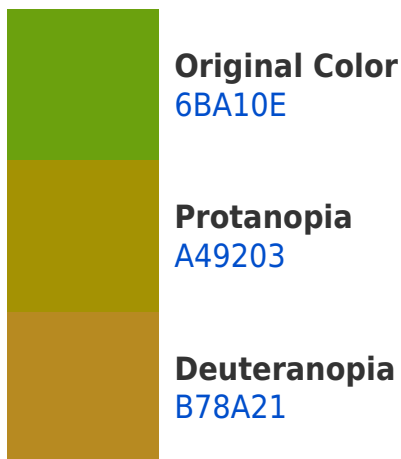


This preview shows how white text looks on a background with the Hex color 6BA10E.

# 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**  
7B96A2

# Trichromacy



**Original Color**  
6BA10E

**Protanomaly**  
8F9707

**Deuteranomaly**  
9B921A

**Tritanomaly**  
759A6C

# Monochromacy



**Original Color**  
6BA10E

**Achromatopsia**  
808080

**Achromatomaly**  
788C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BA10E 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 #6BA10E looks like.

```
.text, #text, p{  
    color:#6BA10E  
}
```

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 #6BA10E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA10E
}
```

## Border

The CSS property to change the border of an element to Hex 6BA10E 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
#6BA10E }
```

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

```
.border{ border-color:#6BA10E }
```

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

Here you see how a box with a 4 pixel #6BA10E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA10E; -webkit-box-shadow:4px 4px  
4px 4px #6BA10E; box-shadow:4px 4px 4px  
4px #6BA10E }
```

# Background

The CSS property to change the background color of an element to Hex 6BA10E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA10E }
```

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

```
.background{ background-color:#6BA10E }
```

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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