

# Converting Colors

Hex(6BA110)

Have a look what the booklet for  
Hex(6BA110) contains.

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**Color**

**Hex(6BA110)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BA110
RGB	107, 161, 16
RGB Percent	42%, 63%, 6%
CMY	0.5804, 0.3686, 0.9373
CMYK	0.34, 0.00, 0.90, 0.37
HSL	82°, 82%, 35%
HSV	82°, 90%, 63%
XYZ	18.9018, 28.6529, 5.0246
YIQ	128.3240, 14.3610, -56.5430

# Conversions

## Conversions Part 2

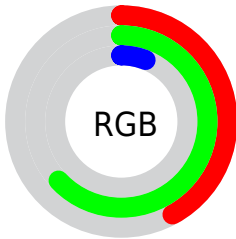
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 161, 70
Decimal	7053584
CIELab	60.47, -37.78, 60.12
CIELCh	60, 71.001, 122.148
Yxy	28.6529, 0.3595, 0.5449
Android (android.graphics.Color)	4285243664 (0xFF6BA110)
YUV	128.3240, -55.3757, -18.7011
Hunter-Lab	53.5284, -30.6434, 31.9045

# Details

The Hex color **6BA110** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4610A1**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A3D84F**, and **336D00** is the 20% darker color. If you saturate the color by 10%, you get **65A100**, and if you desaturate by 10%, it is **71A120**.

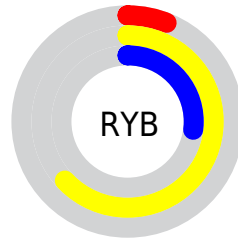
# Distribution



Red (42%)

Green (63%)

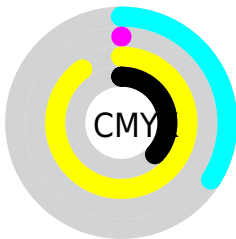
Blue (6%)



Red (6%)

Yellow (63%)

Blue (27%)

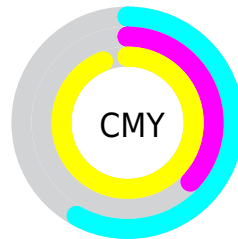


Cyan (34%)

Magenta (0%)

Yellow (90%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BA110 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 6BA110 by changing the saturation by 10% instead.





6BA110



6BA110

FFFFFF



4F8700



A3D84F



336D00



C0F56A



145400



D0FF86



003C00



FAFFA1



002700



FFFFBE



000300



FFFFDA



000000



FFFFF8



6BA110



6BA110

■ 65A100

■ 71A120

■ 77A130

■ 7DA140

■ 83A150

■ 89A161

■ 8FA171

■ 95A181

■ 9BA191

■ A1A1A1

# Harmonies

## Analogous

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



AB9100



6BA110



00AA54

# Triad

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



6BA110



00A7FF



FF4E90

# Complementary

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



6BA110



4610A1

# 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.



E060CD



6BA110



0098FF

# Square

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



6BA110



00AED3



957FFD



FB5C53

# Rectangle

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



6BA110



00AD7F



957FFD



F951A5



# Sweetspot

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



6BA110



BCD199



A14510



5C6947



E8E8E8



696969



# Same Dimension

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



6BA110



83D100



23A110



4F5249



5B9100



0B1200



# Inverse Universe

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



4610A1



4E00D1



8E10A1



4C4952



360091



070012



# Previews

## White Background



This preview shows how the Hex color 6BA110 looks on a white background.

## Color Contrast Check

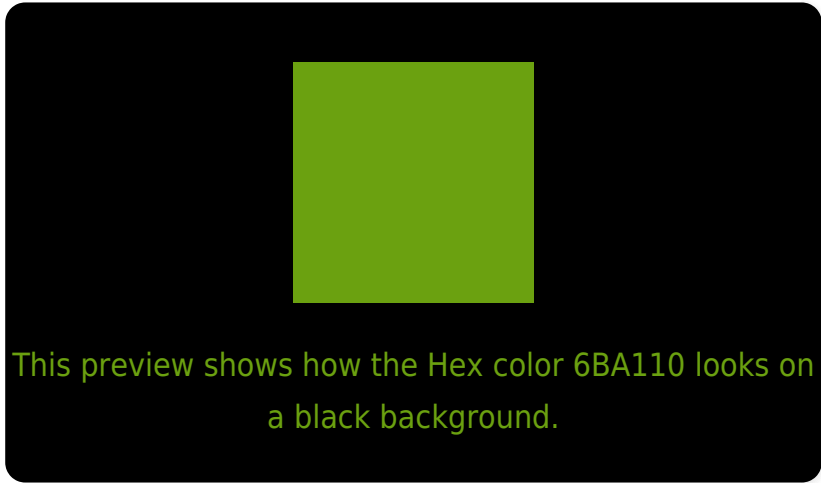
Large Text (above 18pt) WCAG AA ✓ Pass

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 6BA110 Background



This preview shows how black text looks on a background with the Hex color 6BA110.

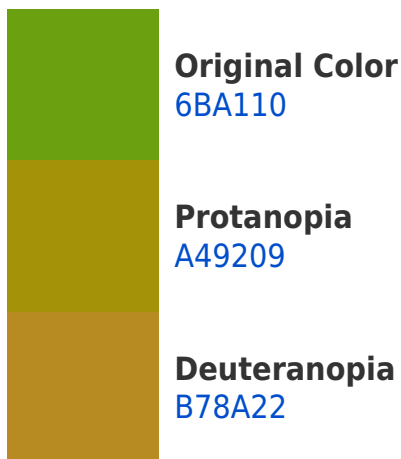


This preview shows how white text looks on a background with the Hex color 6BA110.

# 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**  
6BA110

**Protanomaly**  
8F970C

**Deuteranomaly**  
9B921B

**Tritanomaly**  
759A6D

# Monochromacy



**Original Color**  
6BA110

**Achromatopsia**  
808080

**Achromatomaly**  
788C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BA110 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 #6BA110 looks like.

```
.text, #text, p{  
    color:#6BA110  
}
```

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 #6BA110 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA110
}
```

## Border

The CSS property to change the border of an element to Hex 6BA110 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
#6BA110 }
```

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

```
.border{ border-color:#6BA110 }
```

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

Here you see how a box with a 4 pixel #6BA110 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA110; -webkit-box-shadow:4px 4px  
4px 4px #6BA110; box-shadow:4px 4px 4px  
4px #6BA110 }
```

# Background

The CSS property to change the background color of an element to Hex 6BA110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA110 }
```

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

```
.background{ background-color:#6BA110 }
```

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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