

# Converting Colors

Hex(65A132)

Have a look what the booklet for  
Hex(65A132) contains.

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**Color**

**Hex(65A132)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65A132
RGB	101, 161, 50
RGB Percent	40%, 63%, 20%
CMY	0.6039, 0.3686, 0.8039
CMYK	0.37, 0.00, 0.69, 0.37
HSL	92°, 53%, 41%
HSV	92°, 69%, 63%
XYZ	18.6874, 28.4867, 7.5312
YIQ	130.4060, -0.1290, -47.2410

# Conversions

## Conversions Part 2

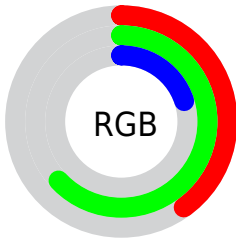
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 161, 110
Decimal	6660402
CIELab	60.33, -38.25, 49.50
CIELCh	60, 62.555, 127.695
Yxy	28.4867, 0.3416, 0.5207
Android (android.graphics.Color)	4284850482 (0xFF65A132)
YUV	130.4060, -39.6402, -25.7891
Hunter-Lab	53.3730, -30.9047, 28.9950

# Details

The Hex color **65A132** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6E32A1**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9CD866**, and **2E6D00** is the 20% darker color. If you saturate the color by 10%, you get **5CA122**, and if you desaturate by 10%, it is **6EA142**.

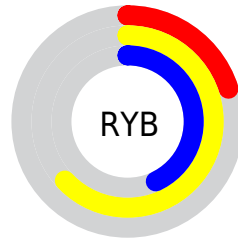
# Distribution



Red (40%)

Green (63%)

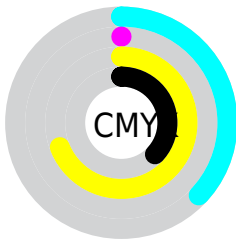
Blue (20%)



Red (20%)

Yellow (63%)

Blue (43%)

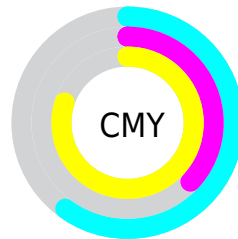


Cyan (37%)

Magenta (0%)

Yellow (69%)

Black (37%)



Cyan (60%)

Magenta (37%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65A132 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 65A132 by changing the saturation by 10% instead.





65A132



65A132

FFFFFF



4A8615



9CD866



2E6D00



B8F581



0F5400



D5FF9C



003C00



F2FFB8



002700



FFFFD4



000200



FFFFF1



000000



65A132



65A132



5CA122



6EA142

■ 54A112

■ 76A152

■ 4BA102

■ 7FA162

■ 4AA100

■ 88A172

■ 91A183

■ 99A193

■ A2A1A3

■ ABA1B3

■ B3A1C3

# Harmonies

## Analogous

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



A0930E



65A132



00A965

# Triad

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



65A132



00A2F7



F45B85

# Complementary

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



65A132



6E32A1

# 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.



DF65BC



65A132



2293FF

# Square

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



65A132



00AAD4



A67CE9



ED6851

# Rectangle

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



65A132



00AB8B



A67CE9



F15C98



# Sweetspot

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



65A132



B9D1A5



A16D32



5A694E



E8E8E8



696969



# Same Dimension

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



65A132



73D124



32A136



4D5249



439100



081200



# Inverse Universe

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



6E32A1



8124D1



A1329D



4E4952



4F0091



0A0012



# Previews

## White Background



This preview shows how the Hex color 65A132 looks on a white background.

## Color Contrast Check

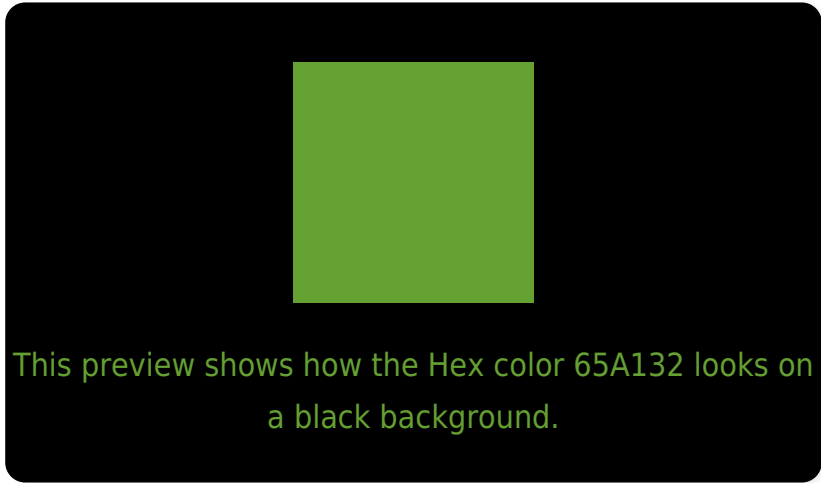
Large Text (above 18pt) WCAG AA ✓ Pass

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 65A132 Background



This preview shows how black text looks on a background with the Hex color 65A132.

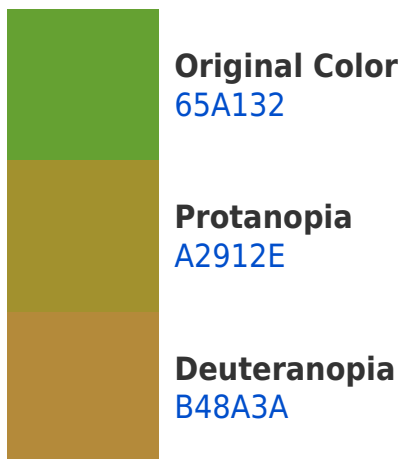


This preview shows how white text looks on a background with the Hex color 65A132.

# 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**  
7596A2

# Trichromacy



**Original Color**  
65A132

**Protanomaly**  
8C972F

**Deuteranomaly**  
979237

**Tritanomaly**  
6F9A79

# Monochromacy



**Original Color**  
65A132

**Achromatopsia**  
828282

**Achromatomaly**  
778D65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65A132 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 #65A132 looks like.

```
.text, #text, p{  
    color:#65A132  
}
```

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 #65A132 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A132
}
```

## Border

The CSS property to change the border of an element to Hex 65A132 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
#65A132 }
```

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

```
.border{ border-color:#65A132 }
```

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

Here you see how a box with a 4 pixel #65A132 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A132; -webkit-box-shadow:4px 4px  
4px 4px #65A132; box-shadow:4px 4px 4px  
4px #65A132 }
```

# Background

The CSS property to change the background color of an element to Hex 65A132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A132 }
```

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

```
.background{ background-color:#65A132 }
```

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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