

# Converting Colors

Hex(65A92D)

Have a look what the booklet for  
Hex(65A92D) contains.

<b>Hex(65A92D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(65A92D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65A92D
RGB	101, 169, 45
RGB Percent	40%, 66%, 18%
CMY	0.6039, 0.3373, 0.8235
CMYK	0.40, 0.00, 0.73, 0.34
HSL	93°, 58%, 42%
HSV	93°, 73%, 66%
XYZ	20.0284, 31.3321, 7.4747
YIQ	134.5320, -0.7240, -52.9800

# Conversions

## Conversions Part 2

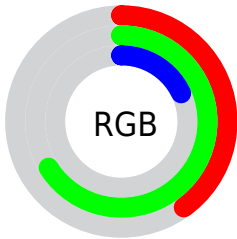
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 169, 113
Decimal	6662445
CIELab	62.79, -42.06, 53.95
CIElCh	63, 68.408, 127.944
Yxy	31.3321, 0.3404, 0.5325
Android (android.graphics.Color)	4284852525 (0xFF65A92D)
YUV	134.5320, -44.1393, -29.4076
Hunter-Lab	55.9751, -34.0873, 31.2652

# Details

The Hex color **65A92D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **712DA9**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9DE163**, and **2C7400** is the 20% darker color. If you saturate the color by 10%, you get **5CA91C**, and if you desaturate by 10%, it is **6EA93E**.

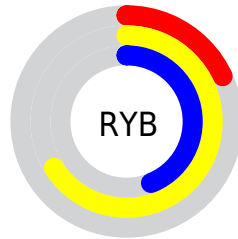
# Distribution



Red (40%)

Green (66%)

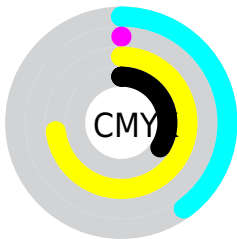
Blue (18%)



Red (18%)

Yellow (66%)

Blue (44%)

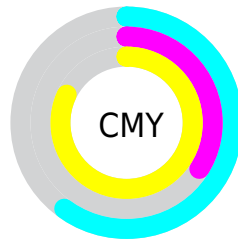


Cyan (40%)

Magenta (0%)

Yellow (73%)

Black (34%)



Cyan (60%)

Magenta (34%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65A92D 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 65A92D by changing the saturation by 10% instead.



 65A92D

 65A92D

FFFFFF

 498E0B

 9DE163

 2C7400

 B9FE7E

 075B00

 D6FF99

 004300

 F4FFB5

 002C00

 FFFFD1

 001100

 FFFFEE

 000000

 65A92D

 65A92D

 5CA91C

 6EA93E

■ 52A90B

■ 78A94F

■ 4CA900

■ 81A960

■ 8AA971

■ 93A981

■ 9DA992

■ A6A9A3

■ AFA9B4

■ B8A9C5

# Harmonies

## Analogous

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



A69A00



65A92D



00B168

# Triad

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



65A92D



00A AFF



FF5A8A

# Complementary

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



65A92D



712DA9

# 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.



ED65C7



65A92D



009AFF

# Square

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



65A92D



00B2E1



AE80F9



FB6A50

# Rectangle

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



65A92D



00B492



AE80F9



FF5A9F



# Sweetspot

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



65A92D



C1DBAB



A96F2D



5E6E51



EDEDED



6E6E6E



# Same Dimension

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



65A92D



71DB1A



2DA931



50544C



439400



091400



# Inverse Universe

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



712DA9



841ADB



A92DA5



504C54



510094



0B0014



# Previews

## White Background



This preview shows how the Hex color 65A92D looks on a white background.

## Color Contrast Check

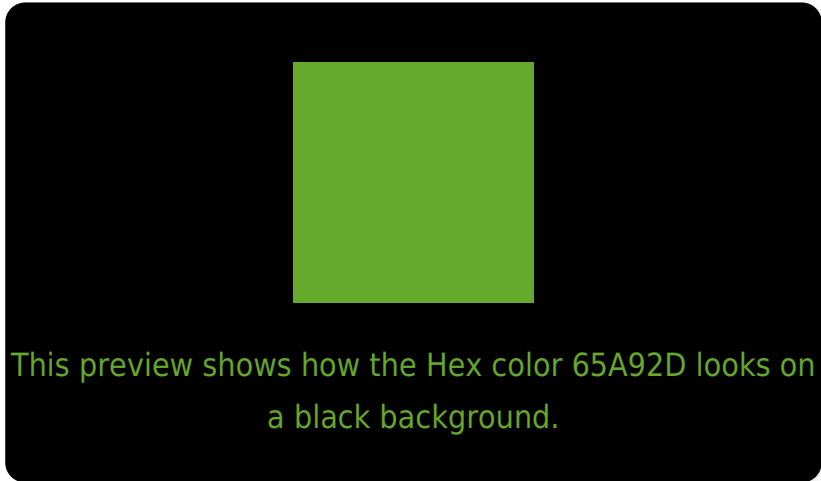
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 65A92D Background



This preview shows how black text looks on a background with the Hex color 65A92D.



This preview shows how white text looks on a background with the Hex color 65A92D.

# 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



**Original Color**  
65A92D

**Protanopia**  
AA9728

**Deuteranopia**  
BD9037



**Tritanopia**  
779EAA

# Trichromacy



**Original Color**  
65A92D

**Protanomaly**  
919E2A

**Deuteranomaly**  
9D9933

**Tritanomaly**  
70A27D

# Monochromacy



**Original Color**  
65A92D

**Achromatopsia**  
878787

**Achromatomaly**  
7B9366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65A92D 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 #65A92D looks like.

```
.text, #text, p{  
    color:#65A92D  
}
```

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 #65A92D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A92D
}
```

## Border

The CSS property to change the border of an element to Hex 65A92D 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
#65A92D }
```

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

```
.border{ border-color:#65A92D }
```

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

Here you see how a box with a 4 pixel #65A92D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A92D; -webkit-box-shadow:4px 4px  
4px 4px #65A92D; box-shadow:4px 4px 4px  
4px #65A92D }
```

# Background

The CSS property to change the background color of an element to Hex 65A92D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A92D }
```

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

```
.background{ background-color:#65A92D }
```

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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