

Converting Colors

Hex(65B42A)

Have a look what the booklet for
Hex(65B42A) contains.

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Color

Hex(65B42A)

Conversions

Conversions Part 1

Format	Color
Hex	65B42A
RGB	101, 180, 42
RGB Percent	40%, 71%, 16%
CMY	0.6039, 0.2941, 0.8353
CMYK	0.44, 0.00, 0.77, 0.29
HSL	94°, 62%, 44%
HSV	94°, 77%, 71%
XYZ	22.1060, 35.5764, 7.8923
YIQ	140.6470, -2.7860, -59.6660

Conversions

Conversions Part 2

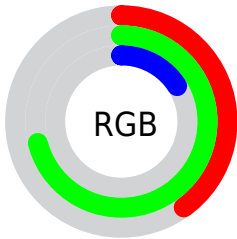
Format	Color
R_{YB}	42, 180, 121
Decimal	6665258
CIE _{Lab}	66.19, -46.80, 58.33
CIE _{LCh}	66, 74.782, 128.744
Yxy	35.5764, 0.3371, 0.5425
Android (android.graphics.Color)	4284855338 (0xFF65B42A)
YUV	140.6470, -48.6330, -34.7704
Hunter-Lab	59.6459, -38.2247, 33.9069

Details

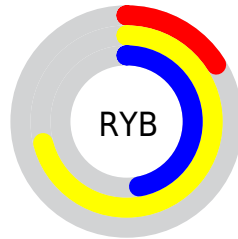
The Hex color **65B42A** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **792AB4**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **9EEC62**, and **297E00** is the 20% darker color. If you saturate the color by 10%, you get **5BB418**, and if you desaturate by 10%, it is **6FB43C**.

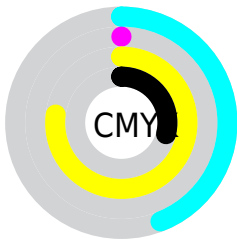
Distribution



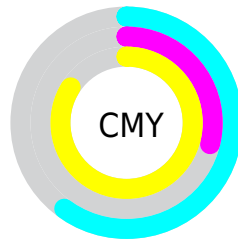
- Red (40%)
- Green (71%)
- Blue (16%)



- Red (16%)
- Yellow (71%)
- Blue (47%)



- Cyan (44%)
- Magenta (0%)
- Yellow (77%)
- Black (29%)



- Cyan (60%)
- Magenta (29%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B42A 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 65B42A by changing the saturation by 10% instead.



65B42A



65B42A

FFFFFF



489901



9EEC62



297E00



BBFF7D



006500



D8FF99



004C00



F6FFB5



003400



FFFFD1



001E00



FFFEE



000000



65B42A



65B42A



5BB418



6FB43C

 50B406

 7AB44E

 4DB400

 84B460

 8EB472

 99B484

 A3B496

 ADB4A8

 B7B4BA

 C2B4CC

Harmonies

Analogous

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



AEA400



65B42A



00BD6D

Triad

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



65B42A



00B5FF



FF5A90

Complementary

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



65B42A



792AB4

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.



FF66D3



65B42A



00A3FF

Square

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



65B42A



00BEF4



BB86FF



FF6E50

Rectangle

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



65B42A



00BF9C



BB86FF



FF5AA7

Sweetspot

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



65B42A



CCEBB5



B4782A



627554



F5F5F5



757575

Same Dimension

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



65B42A



6FEB13



2AB433



545950



419900



0B1A00

Inverse Universe

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



792AB4



8E13EB



B42AAB



555059



580099



0F001A

Previews

White Background



This preview shows how the Hex color 65B42A looks on a white background.

Color Contrast Check

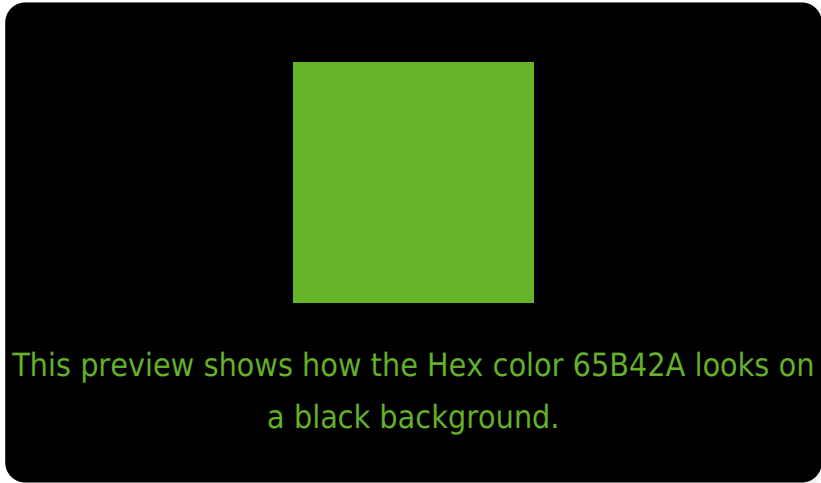
Large Text (above 18pt) WCAG AA × Fail

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 65B42A Background



This preview shows how black text looks on a background with the Hex color 65B42A.



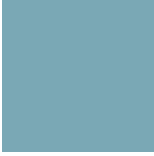
This preview shows how white text looks on a background with the Hex color 65B42A.

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](#).

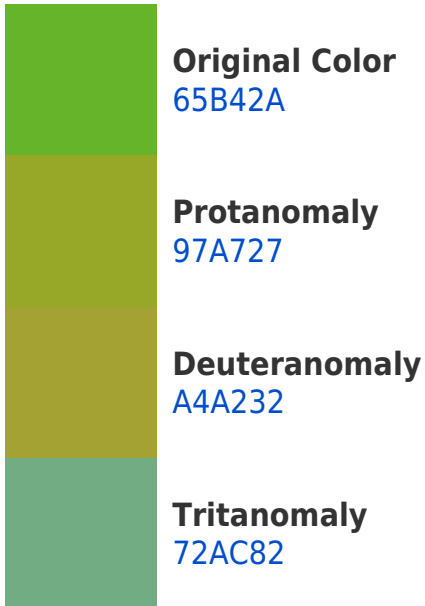
Dichromacy



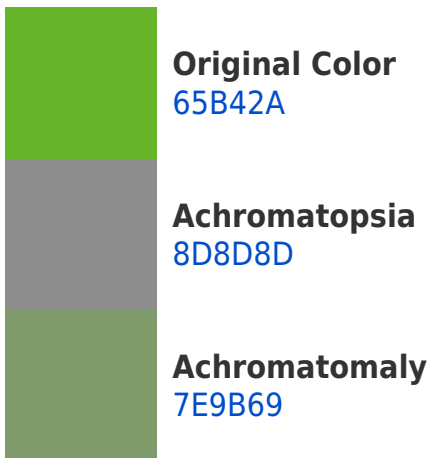


Tritanopia
7AA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B42A 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 #65B42A looks like.

```
.text, #text, p{  
    color:#65B42A  
}
```

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 #65B42A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B42A
}
```

Border

The CSS property to change the border of an element to Hex 65B42A 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
#65B42A }
```

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

```
.border{ border-color:#65B42A }
```

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

Here you see how a box with a 4 pixel #65B42A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B42A; -webkit-box-shadow:4px 4px  
4px 4px #65B42A; box-shadow:4px 4px 4px  
4px #65B42A }
```

Background

The CSS property to change the background color of an element to Hex 65B42A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B42A }
```

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

```
.background{ background-color:#65B42A }
```

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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