

Converting Colors

Hex(45A92D)

Have a look what the booklet for
Hex(45A92D) contains.

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Color

Hex(45A92D)

Conversions

Conversions Part 1

Format	Color
Hex	45A92D
RGB	69, 169, 45
RGB Percent	27%, 66%, 18%
CMY	0.7294, 0.3373, 0.8235
CMYK	0.59, 0.00, 0.73, 0.34
HSL	108°, 58%, 42%
HSV	108°, 73%, 66%
XYZ	17.1159, 29.8306, 7.3384
YIQ	124.9640, -19.7960, -59.7640

Conversions

Conversions Part 2

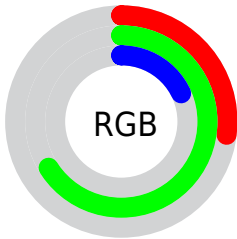
Format	Color
RYB	45, 169, 145
Decimal	4565293
CIELab	61.51, -51.73, 52.24
CIELCh	62, 73.524, 134.719
Yxy	29.8306, 0.3153, 0.5495
Android (android.graphics.Color)	4282755373 (0xFF45A92D)
YUV	124.9640, -39.4223, -49.0804
Hunter-Lab	54.6174, -39.6426, 30.2660

Details

The Hex color **45A92D** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **912DA9**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **80E163**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **37A91C**, and if you desaturate by 10%, it is **53A93E**.

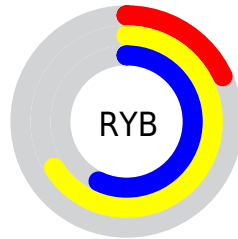
Distribution



Red (27%)

Green (66%)

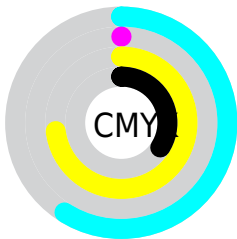
Blue (18%)



Red (18%)

Yellow (66%)

Blue (57%)

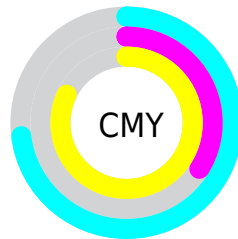


Cyan (59%)

Magenta (0%)

Yellow (73%)

Black (34%)



Cyan (73%)

Magenta (34%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A92D 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 45A92D by changing the saturation by 10% instead.

 45A92D

 45A92D

FFFFFF

 238E0C

 80E163

 007400

 9DFE7D

 005A00

 BAFF99

 004100

 D7FFB4

 002C00

 F5FFD1

 000A00

 FFFFEE

 000000

 45A92D

 45A92D

 37A91C

 53A93E

 2AA90B

 60A94F

 21A900

 6EA960

 7CA971

 89A981

 97A992

 A4A9A3

 B2A9B4

 C0A9C5

Harmonies

Analogous

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



949B00



45A92D



00B070

Triad

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



45A92D



00A5FF



FF4F77

Complementary

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



45A92D



912DA9

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.



F855B9



45A92D



3991FF

Square

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



45A92D



00AFEF



BF73F2



F6683A

Rectangle

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



45A92D



00B29D



BF73F2



FF4D8D

Sweetspot

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



45A92D



B4DBAB



A9902D



576E51



EDEDED



6E6E6E

Same Dimension

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



45A92D



40DB1A



2DA952



4D544C



1D9400



041400

Inverse Universe

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



912DA9



B61ADB



A92D84



534C54



770094



100014

Previews

White Background



This preview shows how the Hex color 45A92D looks on a white background.

Color Contrast Check

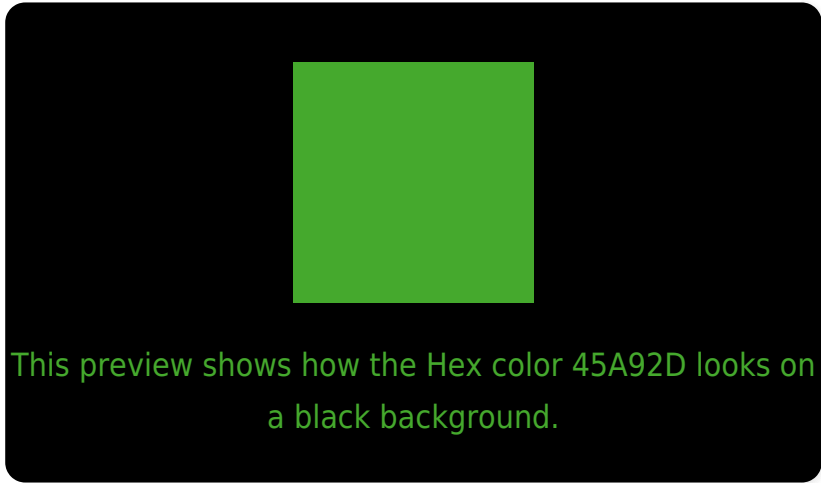
Large Text (above 18pt) WCAG AA ✓ Pass

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 45A92D Background



This preview shows how black text looks on a background with the Hex color 45A92D.



This preview shows how white text looks on a background with the Hex color 45A92D.

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](#).

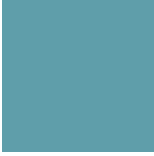
Dichromacy



Original Color
45A92D

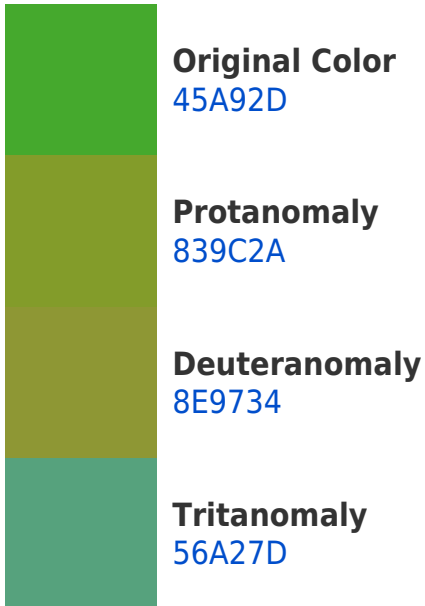
Protanopia
A69428

Deuteranopia
B88C38

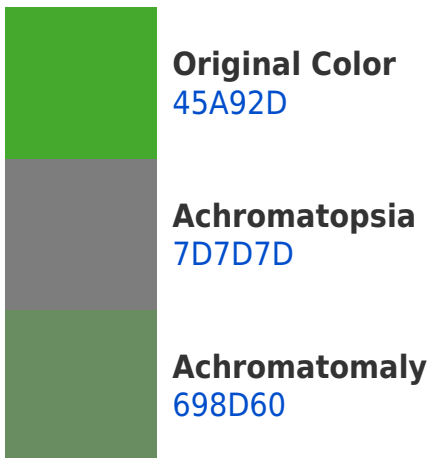


Tritanopia
5F9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45A92D 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 #45A92D looks like.

```
.text, #text, p{  
    color:#45A92D  
}
```

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 #45A92D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A92D
}
```

Border

The CSS property to change the border of an element to Hex 45A92D 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
#45A92D }
```

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

```
.border{ border-color:#45A92D }
```

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

Here you see how a box with a 4 pixel #45A92D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A92D; -webkit-box-shadow:4px 4px  
4px 4px #45A92D; box-shadow:4px 4px 4px  
4px #45A92D }
```

Background

The CSS property to change the background color of an element to Hex 45A92D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A92D }
```

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

```
.background{ background-color:#45A92D }
```

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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