

Converting Colors

Hex(45A738)

Have a look what the booklet for
Hex(45A738) contains.

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Color

Hex(45A738)

Conversions

Conversions Part 1

Format	Color
Hex	45A738
RGB	69, 167, 56
RGB Percent	27%, 65%, 22%
CMY	0.7294, 0.3451, 0.7804
CMYK	0.59, 0.00, 0.66, 0.35
HSL	113°, 50%, 44%
HSV	113°, 66%, 65%
XYZ	16.9868, 29.1882, 8.4800
YIQ	125.0440, -22.7770, -55.2970

Conversions

Conversions Part 2

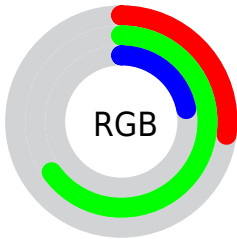
Format	Color
RYB	56, 167, 154
Decimal	4564792
CIELab	60.95, -50.03, 47.26
CIElCh	61, 68.821, 136.632
Yxy	29.1882, 0.3108, 0.5340
Android (android.graphics.Color)	4282754872 (0xFF45A738)
YUV	125.0440, -34.0387, -49.1506
Hunter-Lab	54.0261, -38.4220, 28.5121

Details

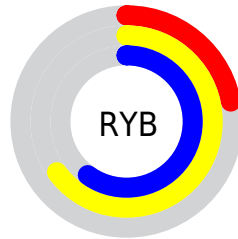
The Hex color **45A738** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9A38A7**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7FDF6C**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **36A727**, and if you desaturate by 10%, it is **54A749**.

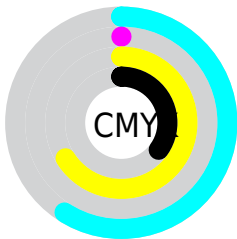
Distribution



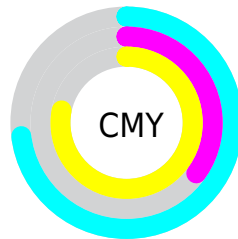
- Red (27%)
- Green (65%)
- Blue (22%)



- Red (22%)
- Yellow (65%)
- Blue (60%)



- Cyan (59%)
- Magenta (0%)
- Yellow (66%)
- Black (35%)



- Cyan (73%)
- Magenta (35%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A738 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 45A738 by changing the saturation by 10% instead.

 45A738

 45A738

FFFFFF

 248C1D

 7FDF6C

 007200

 9CFC87

 005800

 B8FFA2

 004000

 D6FFBD

 002A00

 F3FFDA

 000600

 FFFFF7

 000000

 45A738

 45A738

 36A727

 54A749

 28A717

 62A759

 19A706

 71A76A

 14A700

 80A77B

 8FA78B

 9DA79C

 ACA7AD

 BBA7BE

 CAA7CE

Harmonies

Analogous

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



909B00



45A738



00AD75

Triad

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



45A738



00A2FF



FF5674

Complementary

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



45A738



9A38A7

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.



F259B1



45A738



548EFF

Square

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



45A738



00ACEB



C073E7



EE6C3C

Rectangle

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



45A738



00AF9F



C073E7



FF5388

Sweetspot

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



45A738



B2D9AD



A79838



566E53



EDEDED



6E6E6E

Same Dimension

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



45A738



40D92B



38A761



4D544C



119400



021400

Inverse Universe

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



9A38A7



C42BD9



A7387E



534C54



830094



120014

Previews

White Background



This preview shows how the Hex color 45A738 looks on a white background.

Color Contrast Check

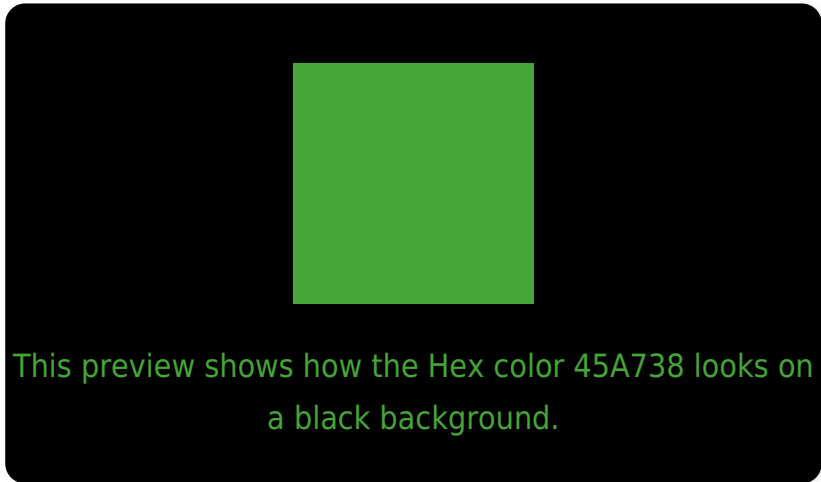
Large Text (above 18pt) WCAG AA ✓ Pass

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

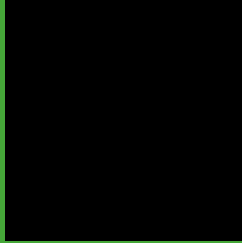
Any Text WCAG AA ✓ Pass

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 45A738 Background



This preview shows how black text looks on a background with the Hex color 45A738.

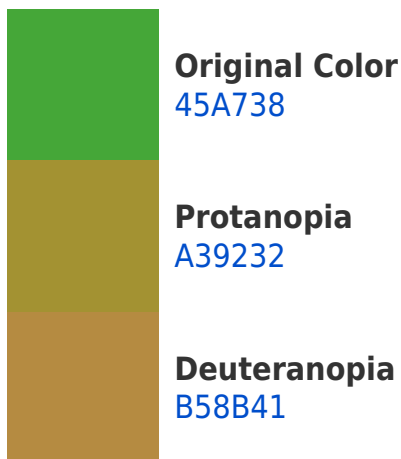


This preview shows how white text looks on a background with the Hex color 45A738.

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
5E9CA9

Trichromacy



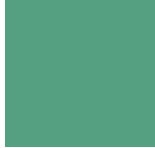
Original Color
45A738



Protanomaly
819A34



Deuteranomaly
8C953E



Tritanomaly
55A080

Monochromacy



Original Color
45A738



Achromatopsia
7D7D7D



Achromatomaly
698C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 45A738 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 #45A738 looks like.

```
.text, #text, p{  
    color:#45A738  
}
```

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 #45A738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A738
}
```

Border

The CSS property to change the border of an element to Hex 45A738 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
#45A738 }
```

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

```
.border{ border-color:#45A738 }
```

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

Here you see how a box with a 4 pixel #45A738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A738; -webkit-box-shadow:4px 4px  
4px 4px #45A738; box-shadow:4px 4px 4px  
4px #45A738 }
```

Background

The CSS property to change the background color of an element to Hex 45A738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A738 }
```

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

```
.background{ background-color:#45A738 }
```

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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