

Converting Colors

Hex(45A453)

Have a look what the booklet for
Hex(45A453) contains.

Hex(45A453)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(45A453)

Conversions

Conversions Part 1

Format	Color
Hex	45A453
RGB	69, 164, 83
RGB Percent	27%, 64%, 33%
CMY	0.7294, 0.3569, 0.6745
CMYK	0.58, 0.00, 0.49, 0.36
HSL	129°, 41%, 46%
HSV	129°, 58%, 64%
XYZ	17.2910, 28.4407, 12.7619
YIQ	126.3610, -30.6190, -45.3310

Conversions

Conversions Part 2

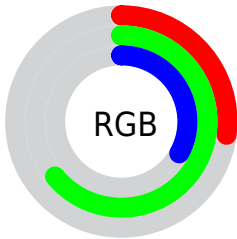
Format	Color
RYB	69, 152, 164
Decimal	4564051
CIELab	60.28, -45.50, 33.65
CIELCh	60, 56.592, 143.518
Yxy	28.4407, 0.2956, 0.4862
Android (android.graphics.Color)	4282754131 (0xFF45A453)
YUV	126.3610, -21.3770, -50.3056
Hunter-Lab	53.3298, -35.4523, 23.1427

Details

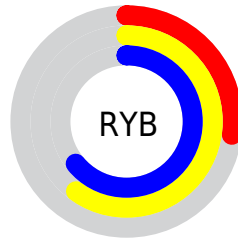
The Hex color **45A453** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A44596**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **7DDC86**, and **006F23** is the 20% darker color. If you saturate the color by 10%, you get **35A445**, and if you desaturate by 10%, it is **55A461**.

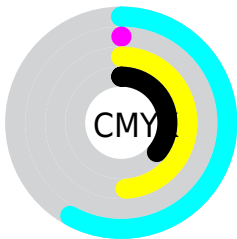
Distribution



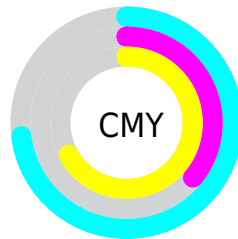
- Red (27%)
- Green (64%)
- Blue (33%)



- Red (27%)
- Yellow (60%)
- Blue (64%)



- Cyan (58%)
- Magenta (0%)
- Yellow (49%)
- Black (36%)



- Cyan (73%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A453 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 45A453 by changing the saturation by 10% instead.



45A453



45A453

FFFFFF



26893B



7DDC86



006F23



9AF9A1



005609



B6FFBC



003D00



D3FFD8



002900



F0FFF5



000200



000000



45A453



45A453



35A445



55A461

 24A437

 66A46F

 14A429

 76A47D

 03A41B

 87A48B

 00A418

 97A499

 A7A4A7

 B8A4B5

 C8A4C3

 D9A4D1

Harmonies

Analogous

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



859A2E



45A453



00A984

Triad

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



45A453



009AF4



EB676C

Complementary

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



45A453



A44596

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.



E6649E



45A453



7F89ED

Square

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



45A453



00A5E1



C473CD



D97842

Rectangle

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



45A453



00AAA7



C473CD



ED647D

Sweetspot

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



45A453



B2D6B7



97A445



566B59



EBEBEB



6B6B6B

Same Dimension

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



45A453



40D656



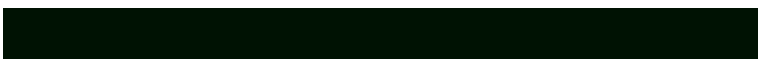
45A481



49524B



009115



001203

Inverse Universe

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



A44596



D640C0



A44568



524950



91007C



12000F

Previews

White Background



This preview shows how the Hex color 45A453 looks on a white background.

Color Contrast Check

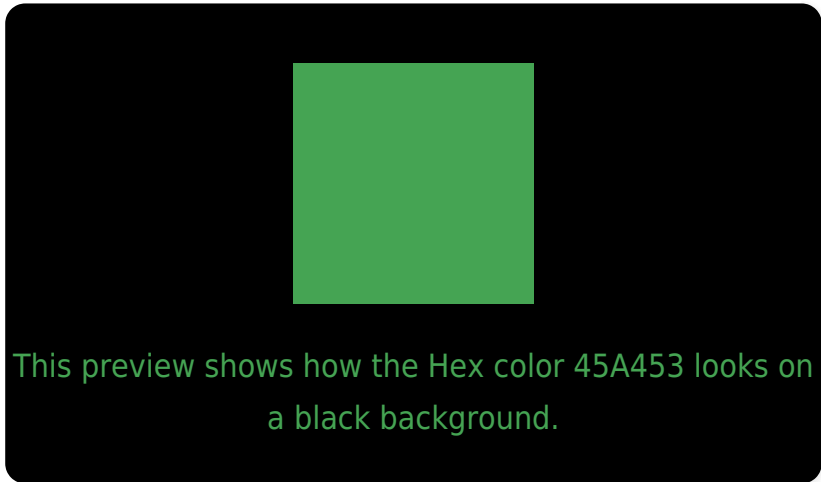
Large Text (above 18pt) WCAG AA ✓ Pass

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 45A453 Background



This preview shows how black text looks on a background with the Hex color 45A453.

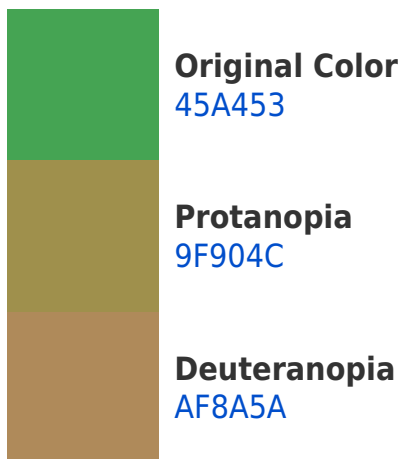


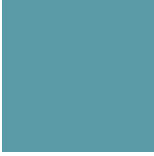
This preview shows how white text looks on a background with the Hex color 45A453.

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
5A9BA7

Trichromacy



Original Color
45A453

Protanomaly
7E974F

Deuteranomaly
889357

Tritanomaly
529E88

Monochromacy



Original Color
45A453

Achromatopsia
7E7E7E

Achromatomaly
698C6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 45A453 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 #45A453 looks like.

```
.text, #text, p{  
    color:#45A453  
}
```

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 #45A453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A453
}
```

Border

The CSS property to change the border of an element to Hex 45A453 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
#45A453 }
```

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

```
.border{ border-color:#45A453 }
```

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

Here you see how a box with a 4 pixel #45A453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A453; -webkit-box-shadow:4px 4px  
4px 4px #45A453; box-shadow:4px 4px 4px  
4px #45A453 }
```

Background

The CSS property to change the background color of an element to Hex 45A453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A453 }
```

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

```
.background{ background-color:#45A453 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor