

Converting Colors

Hex(45B663)

Have a look what the booklet for
Hex(45B663) contains.

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Color

Hex(45B663)

Conversions

Conversions Part 1

Format	Color
Hex	45B663
RGB	69, 182, 99
RGB Percent	27%, 71%, 39%
CMY	0.7294, 0.2863, 0.6118
CMYK	0.62, 0.00, 0.46, 0.29
HSL	136°, 45%, 49%
HSV	136°, 62%, 71%
XYZ	21.4343, 35.6220, 17.5504
YIQ	138.7510, -40.7050, -49.7690

Conversions

Conversions Part 2

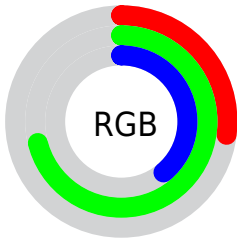
Format	Color
RYB	69, 158, 182
Decimal	4568675
CIELab	66.23, -50.10, 32.93
CIELCh	66, 59.953, 146.682
Yxy	35.6220, 0.2873, 0.4775
Android (android.graphics.Color)	4282758755 (0xFF45B663)
YUV	138.7510, -19.5972, -61.1716
Hunter-Lab	59.6841, -40.3426, 24.3444

Details

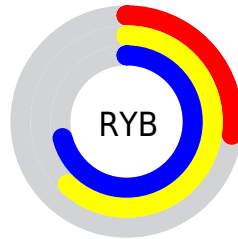
The Hex color **45B663** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B64598**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **80EF97**, and **008032** is the 20% darker color. If you saturate the color by 10%, you get **33B656**, and if you desaturate by 10%, it is **57B670**.

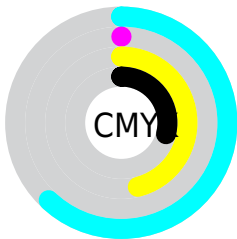
Distribution



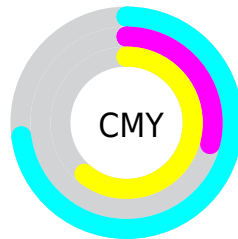
- Red (27%)
- Green (71%)
- Blue (39%)



- Red (27%)
- Yellow (62%)
- Blue (71%)



- Cyan (62%)
- Magenta (0%)
- Yellow (46%)
- Black (29%)



- Cyan (73%)
- Magenta (29%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45B663 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 45B663 by changing the saturation by 10% instead.

 45B663

 45B663

FFFFFF

 229B4A

 80EF97

 008032

 9DFFB2

 00661A

 BAFFCE

 004D01

 D7FFEA

 003500

 F5FFFF

 001E00

 000000

 45B663

 45B663

 33B656

 57B670

 21B648

 69B67E

 0EB63B

 7CB68B

 00B630

 8EB698

 A0B6A6

 B2B6B3

 C4B6C1

 D7B6CE

 E9B6DB

Harmonies

Analogous

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



8EAC39



45B663



00BB99

Triad

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



45B663



00A9FF



FF7574

Complementary

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



45B663



B64598

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.



FF70A9



45B663



9895FF

Square

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



45B663



00B5FA



DD7FDD



EB8847

Rectangle

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



45B663



00BBBE



DD7FDD



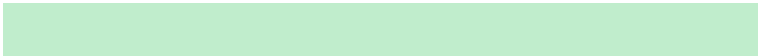
FF7185

Sweetspot

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



45B663



C0EDCC



9AB645



5C7864



F7F7F7



787878

Same Dimension

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



45B663



3BED6B



45B69A



535C55



009C29



001C07

Inverse Universe

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



B64598



ED3BBE



B64561



5C5359



9C0072



1C0015

Previews

White Background



This preview shows how the Hex color 45B663 looks on a white background.

Color Contrast Check

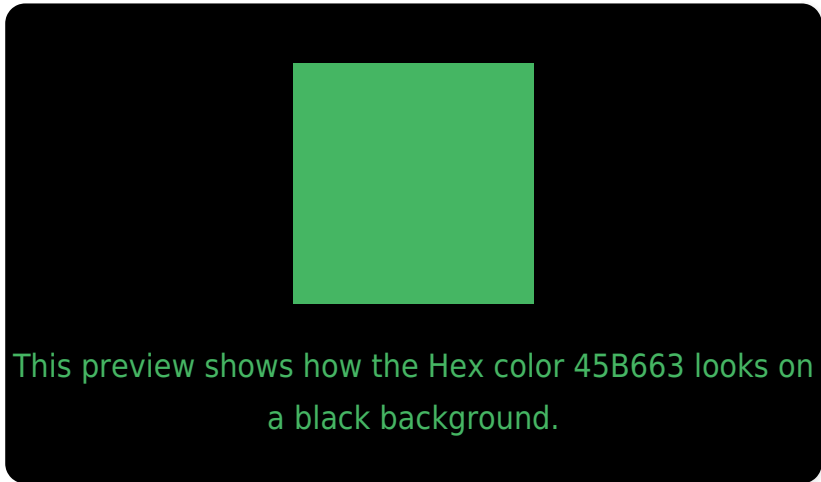
Large Text (above 18pt) WCAG AA × Fail

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

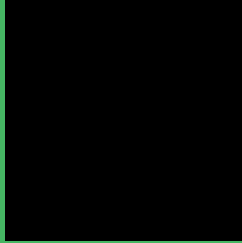
Any Text WCAG AA ✓ Pass

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 45B663 Background



This preview shows how black text looks on a background with the Hex color 45B663.

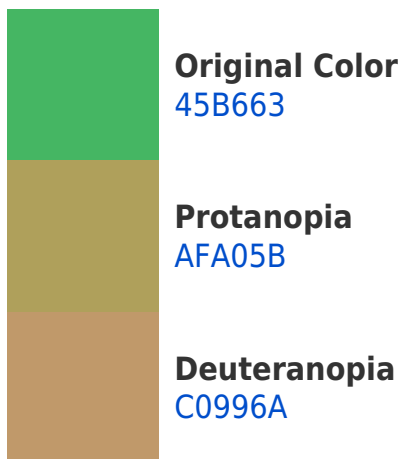


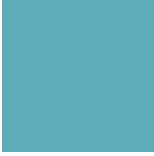
This preview shows how white text looks on a background with the Hex color 45B663.

Color Blindness Simulation

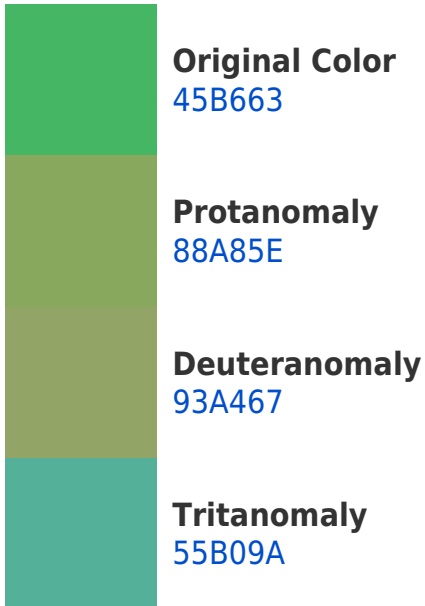
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45B663 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 #45B663 looks like.

```
.text, #text, p{  
    color:#45B663  
}
```

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 #45B663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45B663
}
```

Border

The CSS property to change the border of an element to Hex 45B663 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
#45B663 }
```

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

```
.border{ border-color:#45B663 }
```

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

Here you see how a box with a 4 pixel #45B663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45B663; -webkit-box-shadow:4px 4px  
4px 4px #45B663; box-shadow:4px 4px 4px  
4px #45B663 }
```

Background

The CSS property to change the background color of an element to Hex 45B663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45B663 }
```

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

```
.background{ background-color:#45B663 }
```

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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