

Converting Colors

Hex(45965D)

Have a look what the booklet for
Hex(45965D) contains.

Hex(45965D)	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(45965D)

Conversions

Conversions Part 1

Format	Color
Hex	45965D
RGB	69, 150, 93
RGB Percent	27%, 59%, 36%
CMY	0.7294, 0.4118, 0.6353
CMYK	0.54, 0.00, 0.38, 0.41
HSL	138°, 37%, 43%
HSV	138°, 54%, 59%
XYZ	15.3364, 23.8682, 14.1546
YIQ	119.2830, -29.9790, -34.8990

Conversions

Conversions Part 2

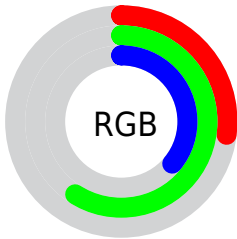
Format	Color
R_{YB}	69, 131, 150
Decimal	4560477
CIE _{Lab}	55.96, -37.95, 22.75
CIE _{LCh}	56, 44.242, 149.061
Yxy	23.8682, 0.2874, 0.4473
Android (android.graphics.Color)	4282750557 (0xFF45965D)
YUV	119.2830, -12.9575, -44.0982
Hunter-Lab	48.8551, -29.4625, 17.0207

Details

The Hex color **45965D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **96457E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7BCD90**, and **01622E** is the 20% darker color. If you saturate the color by 10%, you get **369652**, and if you desaturate by 10%, it is **549668**.

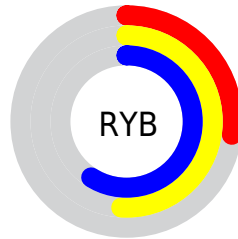
Distribution



Red (27%)

Green (59%)

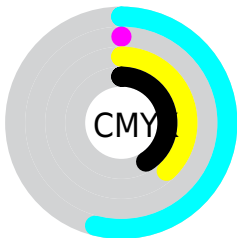
Blue (36%)



Red (27%)

Yellow (51%)

Blue (59%)

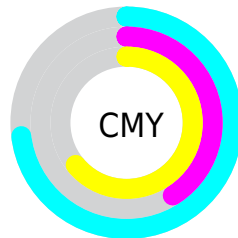


Cyan (54%)

Magenta (0%)

Yellow (38%)

Black (41%)



Cyan (73%)

Magenta (41%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45965D 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 45965D by changing the saturation by 10% instead.

 45965D

 45965D

FFFFFF

 297C45

 7BCD90

 01622E

 97E9AA

 004A18

 B3FFC6

 003200

 CFFFE2

 001D00

 ECFFFF

 000000

 45965D

 45965D

 369652

 549668

 279648

 639672

■ 18963D

■ 72967D

■ 099633

■ 819687

■ 00962C

■ 909692

■ 9F969C

■ AE96A7

■ BD96B1

■ CC96BC

Harmonies

Analogous

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



778F40



45965D



009984

Triad

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



45965D



388BD3



CC6963

Complementary

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



45965D



96457E

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.



CB6589



45965D



867DC9

Square

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



45965D



0094C7



B46EAE



BB7645

Rectangle

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



45965D



00999E



B46EAE



CE666F

Sweetspot

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



45965D



A3C2AC



7F9645



4E6154



E0E0E0



616161

Same Dimension

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



45965D



44C269



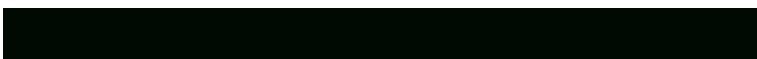
459684



434A45



008A29



000A03

Inverse Universe

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



96457E



C2449C



964557



4A4348



8A0061



0A0007

Previews

White Background



This preview shows how the Hex color 45965D looks on a white background.

Color Contrast Check

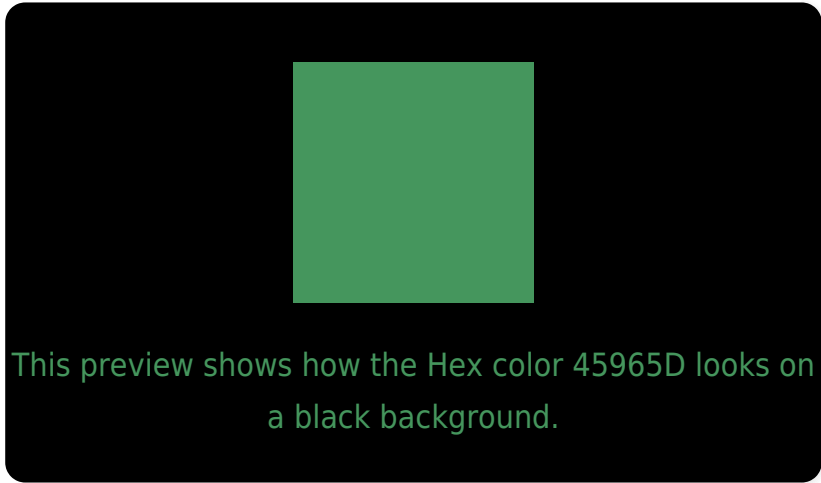
Large Text (above 18pt) WCAG AA ✓ Pass

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

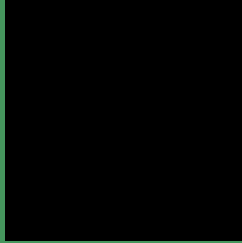
Any Text WCAG AA ✓ Pass

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 45965D Background



This preview shows how black text looks on a background with the Hex color 45965D.



This preview shows how white text looks on a background with the Hex color 45965D.

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
558F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45965D 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 #45965D looks like.

```
.text, #text, p{  
    color:#45965D  
}
```

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 #45965D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45965D
}
```

Border

The CSS property to change the border of an element to Hex 45965D 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
#45965D }
```

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

```
.border{ border-color:#45965D }
```

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

Here you see how a box with a 4 pixel #45965D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45965D; -webkit-box-shadow:4px 4px  
4px 4px #45965D; box-shadow:4px 4px 4px  
4px #45965D }
```

Background

The CSS property to change the background color of an element to Hex 45965D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45965D }
```

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

```
.background{ background-color:#45965D }
```

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