

Converting Colors

Hex(50745D)

Have a look what the booklet for
Hex(50745D) contains.

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Color

Hex(50745D)

Conversions

Conversions Part 1

Format	Color
Hex	50745D
RGB	80, 116, 93
RGB Percent	31%, 45%, 36%
CMY	0.6863, 0.5451, 0.6353
CMYK	0.31, 0.00, 0.20, 0.55
HSL	142°, 18%, 38%
HSV	142°, 31%, 45%
XYZ	11.5294, 14.9866, 12.6410
YIQ	102.6140, -14.0730, -14.7850

Conversions

Conversions Part 2

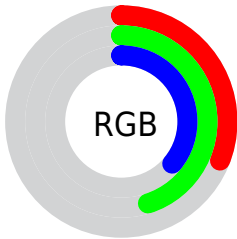
Format	Color
R_{YB}	80, 106, 116
Decimal	5272669
CIE _{Lab}	45.62, -18.08, 8.67
CIE _{LCh}	46, 20.046, 154.382
Yxy	14.9866, 0.2944, 0.3827
Android (android.graphics.Color)	4283462749 (0xFF50745D)
YUV	102.6140, -4.7397, -19.8325
Hunter-Lab	38.7125, -14.5856, 7.7385

Details

The Hex color **50745D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **745067**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **82A88F**, and **21442F** is the 20% darker color. If you saturate the color by 10%, you get **447456**, and if you desaturate by 10%, it is **5C7464**.

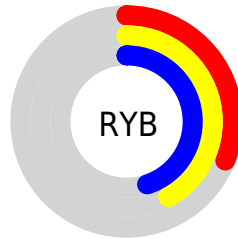
Distribution



Red (31%)

Green (45%)

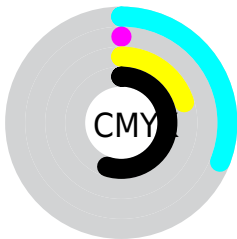
Blue (36%)



Red (31%)

Yellow (42%)

Blue (45%)

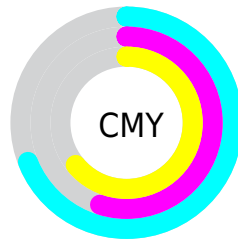


Cyan (31%)

Magenta (0%)

Yellow (20%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50745D 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 50745D by changing the saturation by 10% instead.

 50745D

 50745D

FFFFFF

 385B45

 82A88F

 21442F

 9DC3AA

 0A2D1A

 B8DFC5

 001A00

 D4FCE1

 000000

 F0FFFE

 50745D

 50745D

 447456

 5C7464

 39744E

 67746C

■ 2D7447

■ 737473

■ 22743F

■ 7E747B

■ 167438

■ 8A7482

■ 0A7431

■ 967489

■ 00742A

■ A17491

■ AD7498

■ B874A0

Harmonies

Analogous

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



637150



50745D



3F756E

Triad

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



50745D



5A6D8D



8D615A

Complementary

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



50745D



745067

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.



8D606A



50745D



726788

Square

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



50745D



44728A



84627B



84664E

Rectangle

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



50745D



397579



84627B



8E605F

Sweetspot

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



50745D



89968E



677450



444D47



CCCCCC



4D4D4D

Same Dimension

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



50745D



5F9673



50746F



353B37



007A2C



00FA5A

Inverse Universe

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



745067



965F82



745055



3B3539



7A004E



FA00A0

Previews

White Background



This preview shows how the Hex color 50745D looks on a white background.

Color Contrast Check

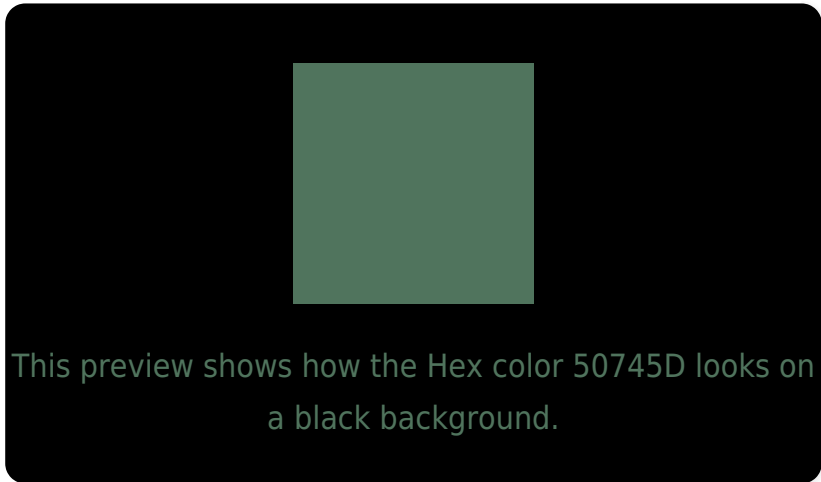
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

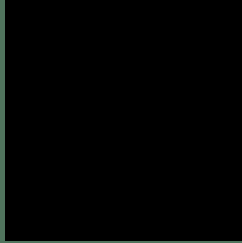
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 50745D Background



This preview shows how black text looks on a background with the Hex color 50745D.



This preview shows how white text looks on a background with the Hex color 50745D.

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
50745D

Protanopia
726B59

Deuteranopia
7A6860



Tritanopia
567079

Trichromacy



Original Color
50745D

Protanomaly
666E5A

Deuteranomaly
6B6C5F

Tritanomaly
54716F

Monochromacy



Original Color
50745D

Achromatopsia
676767

Achromatomaly
5F6C63

CSS Examples

Text

The CSS property to change the color of the text to Hex 50745D 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 #50745D looks like.

```
.text, #text, p{  
    color:#50745D  
}
```

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 #50745D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50745D
}
```

Border

The CSS property to change the border of an element to Hex 50745D 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
#50745D }
```

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

```
.border{ border-color:#50745D }
```

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

Here you see how a box with a 4 pixel #50745D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50745D; -webkit-box-shadow:4px 4px  
4px 4px #50745D; box-shadow:4px 4px 4px  
4px #50745D }
```

Background

The CSS property to change the background color of an element to Hex 50745D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50745D }
```

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

```
.background{ background-color:#50745D }
```

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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