

Converting Colors

Hex(45725C)

Have a look what the booklet for
Hex(45725C) contains.

Hex(45725C)	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(45725C)

Conversions

Conversions Part 1

Format	Color
Hex	45725C
RGB	69, 114, 92
RGB Percent	27%, 45%, 36%
CMY	0.7294, 0.5529, 0.6392
CMYK	0.39, 0.00, 0.19, 0.55
HSL	151°, 25%, 36%
HSV	151°, 39%, 45%
XYZ	10.4033, 14.0725, 12.2932
YIQ	98.0370, -19.7580, -16.3820

Conversions

Conversions Part 2

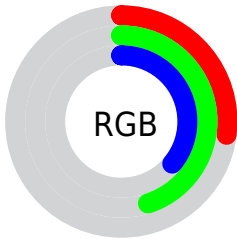
Format	Color
R_{YB}	69, 99, 114
Decimal	4551260
CIE _{Lab}	44.34, -20.90, 7.36
CIE _{LCh}	44, 22.158, 160.586
Yxy	14.0725, 0.2829, 0.3827
Android (android.graphics.Color)	4282741340 (0xFF45725C)
YUV	98.0370, -2.9762, -25.4654
Hunter-Lab	37.5134, -16.1463, 6.8300

Details

The Hex color **45725C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72455B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **77A68E**, and **15422E** is the 20% darker color. If you saturate the color by 10%, you get **3A7256**, and if you desaturate by 10%, it is **507262**.

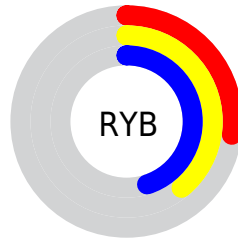
Distribution



Red (27%)

Green (45%)

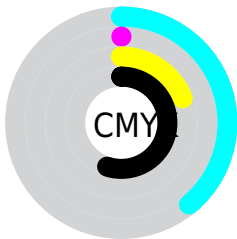
Blue (36%)



Red (27%)

Yellow (39%)

Blue (45%)

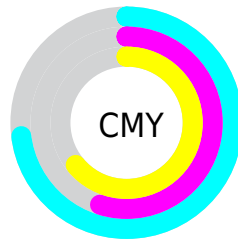


Cyan (39%)

Magenta (0%)

Yellow (19%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45725C 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 45725C by changing the saturation by 10% instead.

■ 45725C

■ 45725C

FFFFFF

■ 2D5944

■ 77A68E

■ 15422E

■ 91C1A9

■ 002B19

■ ACDDC4

■ 001800

■ C8FAE0

■ 000000

■ E4FFFC

■ 45725C

■ 45725C

■ 3A7256

■ 507262

■ 2E7251

■ 5C7267

■ 23724B

■ 67726D

■ 177246

■ 737272

■ 0C7240

■ 7E7278

■ 01723B

■ 89727D

■ 00723A

■ 957283

■ A07289

■ AC728E

Harmonies

Analogous

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



5B6F4C



45725C



32736F

Triad

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



45725C



5A688D



8B5E52

Complementary

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



45725C



72455B

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.



8D5B63



45725C



746285

Square

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



45725C



3F6E8B



855D76



806446

Rectangle

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



45725C



2B727B



855D76



8D5C57

Sweetspot

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



45725C



82948B



5C7245



404A45



C9C9C9



4A4A4A

Same Dimension

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



45725C



4E9472



457272



323835



00783D



00F77E

Inverse Universe

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



72455B



944E70



724545



383235



78003B



F70079

Previews

White Background



This preview shows how the Hex color 45725C looks on a white background.

Color Contrast Check

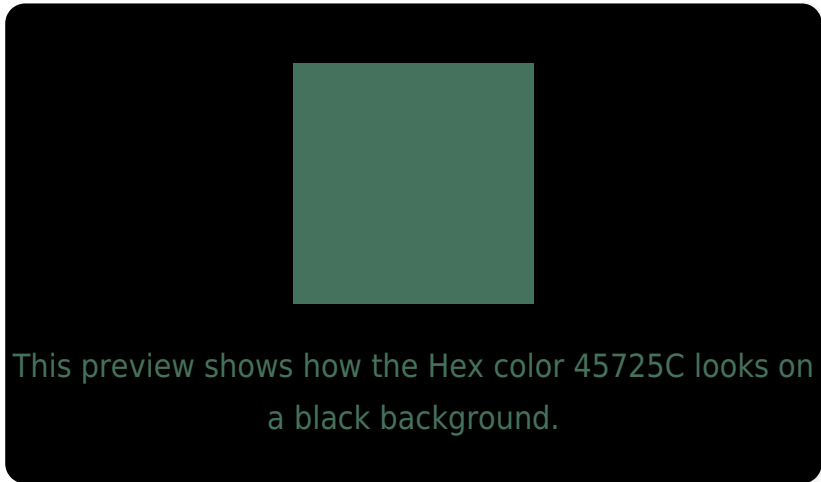
Large Text (above 18pt) WCAG AA ✓ Pass

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

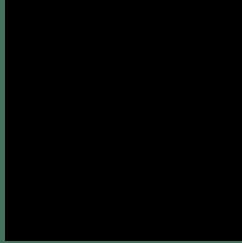
Any Text WCAG AA × Fail

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 45725C Background



This preview shows how black text looks on a background with the Hex color 45725C.



This preview shows how white text looks on a background with the Hex color 45725C.

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
45725C

Protanopia
6E6857

Deuteranopia
76655F



Tritanopia
4B6E77

Trichromacy



Original Color
45725C

Protanomaly
5F6C59

Deuteranomaly
646A5E

Tritanomaly
496F6D

Monochromacy



Original Color
45725C

Achromatopsia
626262

Achromatomaly
576860

CSS Examples

Text

The CSS property to change the color of the text to Hex 45725C 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 #45725C looks like.

```
.text, #text, p{  
    color:#45725C  
}
```

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 #45725C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45725C
}
```

Border

The CSS property to change the border of an element to Hex 45725C 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".

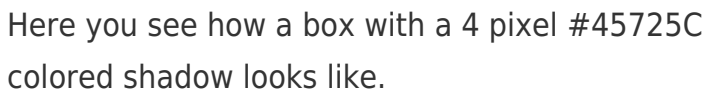
```
.border, #border, table{ border:4px solid
#45725C }
```

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

```
.border{ border-color:#45725C }
```

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

Here you see how a box with a 4 pixel #45725C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45725C; -webkit-box-shadow:4px 4px  
4px 4px #45725C; box-shadow:4px 4px 4px  
4px #45725C }
```

Background

The CSS property to change the background color of an element to Hex 45725C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45725C }
```

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

```
.background{ background-color:#45725C }
```

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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