

Converting Colors

Hex(465A4C)

Have a look what the booklet for
Hex(465A4C) contains.

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Color

Hex(465A4C)

Conversions

Conversions Part 1

Format	Color
Hex	465A4C
RGB	70, 90, 76
RGB Percent	27%, 35%, 30%
CMY	0.7255, 0.6471, 0.7020
CMYK	0.22, 0.00, 0.16, 0.65
HSL	138°, 12%, 31%
HSV	138°, 22%, 35%
XYZ	7.4865, 9.1362, 8.2064
YIQ	82.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

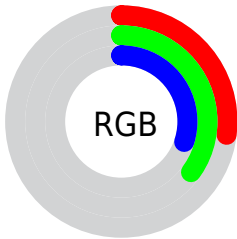
Format	Color
RYB	70, 85, 90
Decimal	4610636
CIELab	36.25, -10.87, 5.60
CIElCh	36, 12.222, 152.747
Yxy	9.1362, 0.3015, 0.3680
Android (android.graphics.Color)	4282800716 (0xFF465A4C)
YUV	82.4240, -3.1670, -10.8958
Hunter-Lab	30.2262, -8.6847, 5.0612

Details

The Hex color **465A4C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A4654**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **778C7D**, and **1A2C20** is the 20% darker color. If you saturate the color by 10%, you get **3D5A46**, and if you desaturate by 10%, it is **4F5A52**.

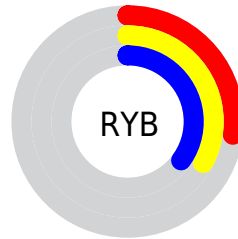
Distribution



Red (27%)

Green (35%)

Blue (30%)



Red (27%)

Yellow (33%)

Blue (35%)

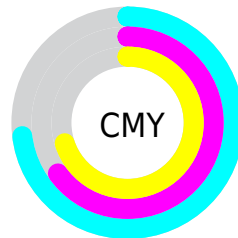


Cyan (22%)

Magenta (0%)

Yellow (16%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465A4C 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 465A4C by changing the saturation by 10% instead.

 465A4C

 465A4C

FFFFFF

 2F4335

 778C7D

 1A2C20

 90A797

 011809

 ABC2B1

 000000

 C6DECD

 E2FAE9

 465A4C

 465A4C

 3D5A46

 4F5A52

 345A3F

 585A59

■ 2B5A39

■ 615A5F

■ 225A33

■ 6A5A65

■ 195A2D

■ 735A6C

■ 105A26

■ 7C5A72

■ 075A20

■ 855A78

■ 005A1B

■ 8E5A7E

■ 975A85

Harmonies

Analogous

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



515845



465A4C



3D5B56

Triad

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



465A4C



4B5669



694F4B

Complementary

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



465A4C



5A4654

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.



694E55



465A4C



585266

Square

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



465A4C



405966



63505E



645244

Rectangle

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



465A4C



3A5B5C



63505E



6A4F4E

Sweetspot

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



465A4C



6D7570



545A46



363B37



BABABA



3B3B3B

Same Dimension

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



465A4C



56755F



465A56



292E2B



006E21



00ED47

Inverse Universe

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



5A4654



75566C



5A464A



2E292D



6E004D



ED00A6

Previews

White Background



This preview shows how the Hex color 465A4C looks on a white background.

Color Contrast Check

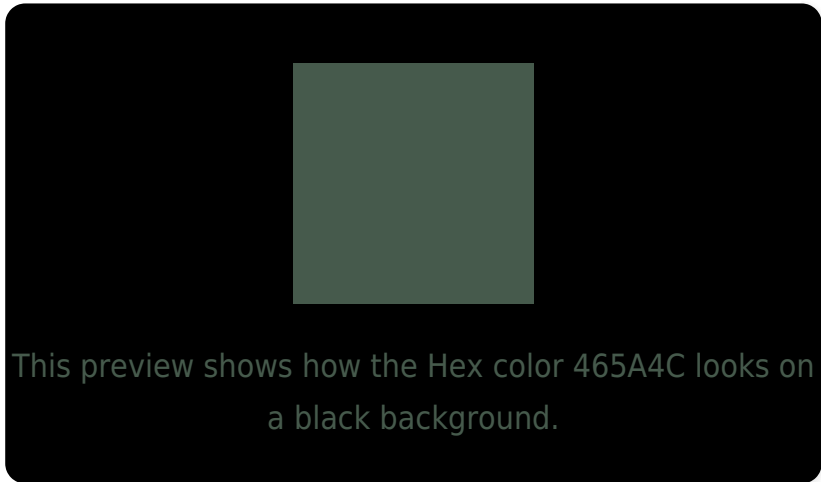
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

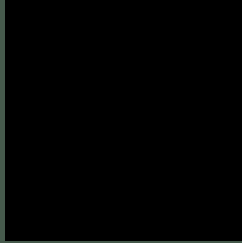
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 465A4C Background



This preview shows how black text looks on a background with the Hex color 465A4C.

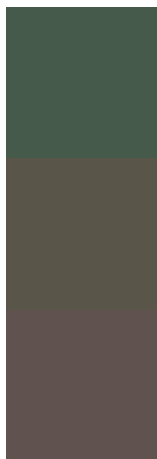


This preview shows how white text looks on a background with the Hex color 465A4C.

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
465A4C

Protanopia
595549

Deuteranopia
60524E



Tritanopia
49575E

Trichromacy



Original Color
465A4C

Protanomaly
52574A

Deuteranomaly
57554D

Tritanomaly
485857

Monochromacy



Original Color
465A4C

Achromatopsia
525252

Achromatomaly
4E5550

CSS Examples

Text

The CSS property to change the color of the text to Hex 465A4C 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 #465A4C looks like.

```
.text, #text, p{  
    color:#465A4C  
}
```

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 #465A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465A4C
}
```

Border

The CSS property to change the border of an element to Hex 465A4C 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
#465A4C }
```

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

```
.border{ border-color:#465A4C }
```

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

Here you see how a box with a 4 pixel #465A4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465A4C; -webkit-box-shadow:4px 4px  
4px 4px #465A4C; box-shadow:4px 4px 4px  
4px #465A4C }
```

Background

The CSS property to change the background color of an element to Hex 465A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465A4C }
```

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

```
.background{ background-color:#465A4C }
```

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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