

Converting Colors

Hex(465050)

Have a look what the booklet for
Hex(465050) contains.

Hex(465050)	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(465050)

Conversions

Conversions Part 1

Format	Color
Hex	465050
RGB	70, 80, 80
RGB Percent	27%, 31%, 31%
CMY	0.7255, 0.6863, 0.6863
CMYK	0.12, 0.00, 0.00, 0.69
HSL	180°, 7%, 29%
HSV	180°, 12%, 31%
XYZ	6.8424, 7.6186, 8.6993
YIQ	77.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

Format	Color
R_YB	70, 75, 80
Decimal	4608080
CIE Lab	33.18, -3.97, -1.35
CIE LCh	33, 4.190, 198.860
Yxy	7.6186, 0.2954, 0.3290
Android (android.graphics.Color)	4282798160 (0xFF465050)
YUV	77.0100, 1.4741, -6.1478
Hunter-Lab	27.6018, -4.0535, 0.6347

Details

The Hex color **465050** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **504646**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **768181**, and **1B2424** is the 20% darker color. If you saturate the color by 10%, you get **3E5050**, and if you desaturate by 10%, it is **4E5050**.

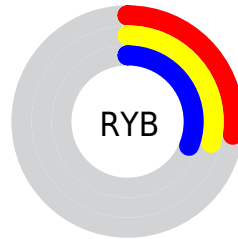
Distribution



Red (27%)

Green (31%)

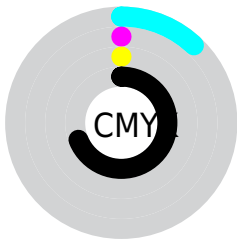
Blue (31%)



Red (27%)

Yellow (29%)

Blue (31%)

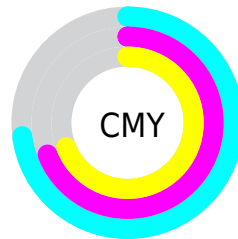


Cyan (12%)

Magenta (0%)

Yellow (0%)

Black (69%)



Cyan (73%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465050 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 465050 by changing the saturation by 10% instead.



465050



465050

FFFFFF



303939



768181



1B2424



909B9B



000E0E



ABB6B6



000000



C6D2D2



E2EEEE



465050



465050



3E5050



4E5050



365050



565050

■ 2E5050

■ 5E5050

■ 265050

■ 665050

■ 1E5050

■ 6E5050

■ 165050

■ 765050

■ 0E5050

■ 7E5050

■ 065050

■ 865050

■ 005050

■ 8E5050

Harmonies

Analogous

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



48504D



465050



475053

Triad

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



465050



514D52



524D48

Complementary

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



465050



504646

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.



554C49



465050



544C4F

Square

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



465050



4D4E54



554C4C



4F4E48

Rectangle

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



465050



484F54



554C4C



534D48

Sweetspot

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



465050



646969



465046



333636



B5B5B5



363636

Same Dimension

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



465050



596969



464B50



252929



006969



00E8E8

Inverse Universe

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



504650



695969



504B46



292529



690069



E800E8

Previews

White Background



This preview shows how the Hex color 465050 looks on a white background.

Color Contrast Check

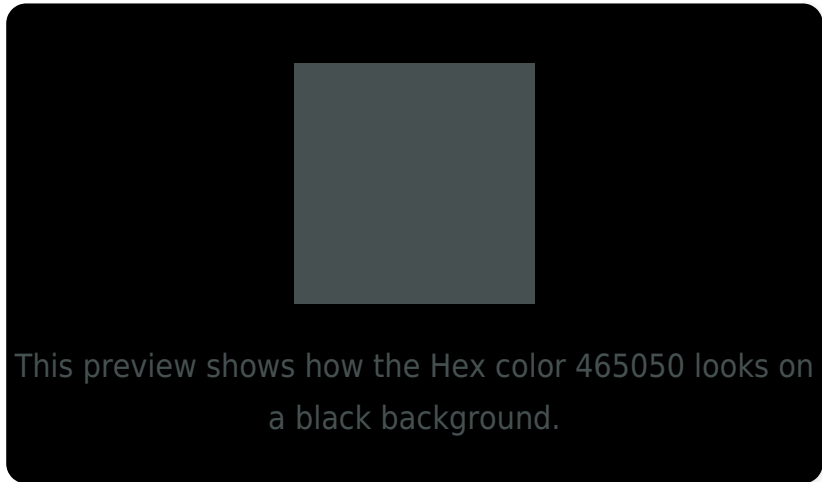
Large Text (above 18pt) WCAG AA ✓ Pass

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

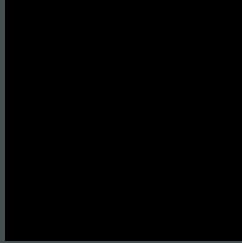
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

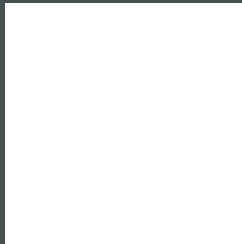
Any Text WCAG AAA × Fail

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

Hex 465050 Background



This preview shows how black text looks on a background with the Hex color 465050.



This preview shows how white text looks on a background with the Hex color 465050.

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
465050

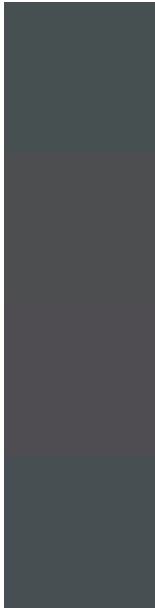
Protanopia
4F4D4F

Deuteranopia
544C51



Tritanopia
474F55

Trichromacy



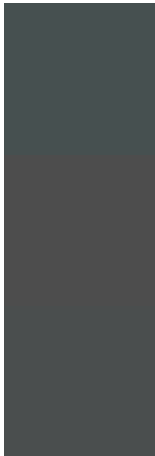
Original Color
465050

Protanomaly
4C4E4F

Deuteranomaly
4F4D51

Tritanomaly
474F53

Monochromacy



Original Color
465050

Achromatopsia
4D4D4D

Achromatomaly
4A4E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 465050 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 #465050 looks like.

```
.text, #text, p{  
    color:#465050  
}
```

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 #465050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465050
}
```

Border

The CSS property to change the border of an element to Hex 465050 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
#465050 }
```

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

```
.border{ border-color:#465050 }
```

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

Here you see how a box with a 4 pixel #465050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465050; -webkit-box-shadow:4px 4px  
4px 4px #465050; box-shadow:4px 4px 4px  
4px #465050 }
```

Background

The CSS property to change the background color of an element to Hex 465050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465050 }
```

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

```
.background{ background-color:#465050 }
```

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