

Converting Colors

Hex(465645)

Have a look what the booklet for
Hex(465645) contains.

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Color

Hex(465645)

Conversions

Conversions Part 1

Format	Color
Hex	465645
RGB	70, 86, 69
RGB Percent	27%, 34%, 27%
CMY	0.7255, 0.6627, 0.7294
CMYK	0.19, 0.00, 0.20, 0.66
HSL	116°, 11%, 30%
HSV	116°, 20%, 34%
XYZ	6.9278, 8.3873, 6.8840
YIQ	79.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

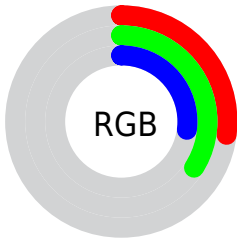
Format	Color
RYB	69, 86, 85
Decimal	4609605
CIELab	34.78, -10.01, 7.87
CIELCh	35, 12.731, 141.811
Yxy	8.3873, 0.3121, 0.3778
Android (android.graphics.Color)	4282799685 (0xFF465645)
YUV	79.2780, -5.0671, -8.1368
Hunter-Lab	28.9609, -7.9825, 6.1794

Details

The Hex color **465645** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **554556**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **778875**, and **1A291A** is the 20% darker color. If you saturate the color by 10%, you get **3E563C**, and if you desaturate by 10%, it is **4E564E**.

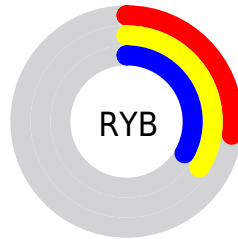
Distribution



Red (27%)

Green (34%)

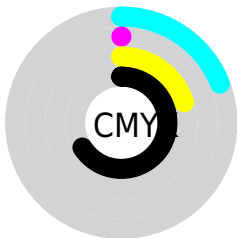
Blue (27%)



Red (27%)

Yellow (34%)

Blue (33%)

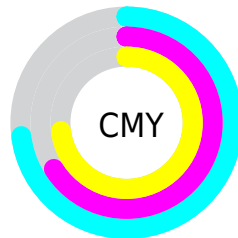


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465645 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 465645 by changing the saturation by 10% instead.

 465645

 465645

FFFFFF

 2F3F2F

 778875

 1A291A

 90A28F

 001500

 ABBDA9

 000000

 C6D9C5

 E2F5E0

FFFFFFD

 465645

 465645

 3E563C

 4E564E

 365634

 565656

 2E562B

 5E565F

 265623

 665667

 1E561A

 6E5670

 155611

 775679

 0D5609

 7F5681

 055600

 87568A

 8F5692

Harmonies

Analogous

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



52533F



465645



3C574F

Triad

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



465645



425466



674B4B

Complementary

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



465645



554556

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.



644B55



465645



505064

Square

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



465645



385661



5C4D5E



644D42

Rectangle

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



465645



375856



5C4D5E



674B4E

Sweetspot

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



465645



6A7069



565545



343834



B8B8B8



383838

Same Dimension

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



465645



577055



45564C



272B27



066B00



0EEB00

Inverse Universe

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



554556



6F5570



56454F



2B272B



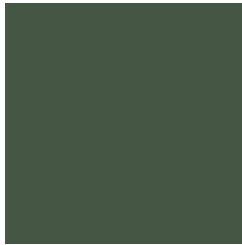
65006B



DD00EB

Previews

White Background



This preview shows how the Hex color 465645 looks on a white background.

Color Contrast Check

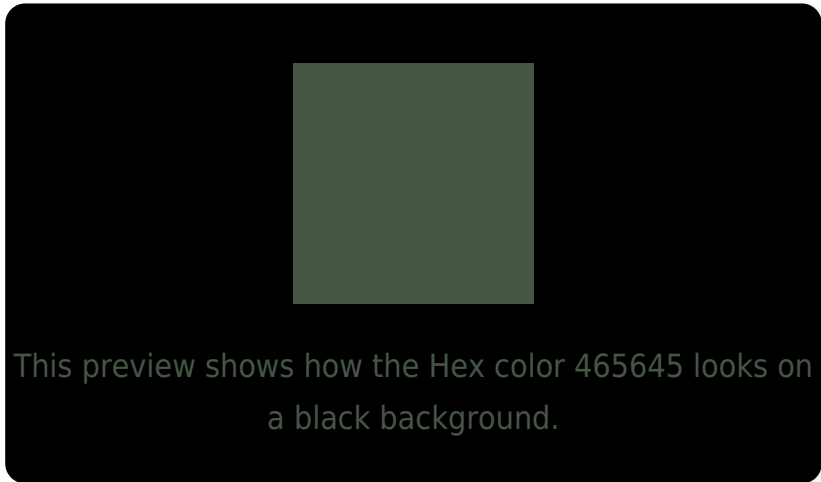
Large Text (above 18pt) WCAG AA ✓ Pass

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

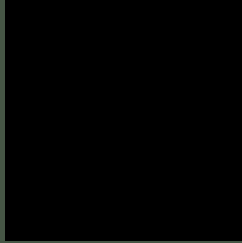
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

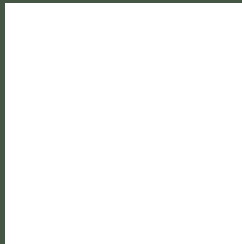
Any Text WCAG AAA × Fail

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

Hex 465645 Background



This preview shows how black text looks on a background with the Hex color 465645.



This preview shows how white text looks on a background with the Hex color 465645.

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
465645

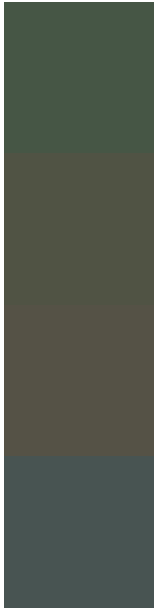
Protanopia
565143

Deuteranopia
5D4F47



Tritanopia
49535A

Trichromacy



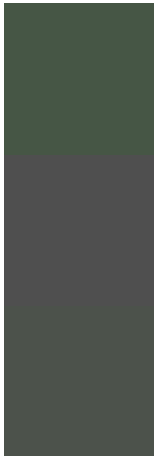
Original Color
465645

Protanomaly
505344

Deuteranomaly
555246

Tritanomaly
485452

Monochromacy



Original Color
465645

Achromatopsia
4F4F4F

Achromatomaly
4C524B

CSS Examples

Text

The CSS property to change the color of the text to Hex 465645 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 #465645 looks like.

```
.text, #text, p{  
    color:#465645  
}
```

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 #465645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465645
}
```

Border

The CSS property to change the border of an element to Hex 465645 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
#465645 }
```

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

```
.border{ border-color:#465645 }
```

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

Here you see how a box with a 4 pixel #465645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465645; -webkit-box-shadow:4px 4px  
4px 4px #465645; box-shadow:4px 4px 4px  
4px #465645 }
```

Background

The CSS property to change the background color of an element to Hex 465645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465645 }
```

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

```
.background{ background-color:#465645 }
```

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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