

Converting Colors

Hex(68465A)

Have a look what the booklet for
Hex(68465A) contains.

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Color

Hex(68465A)

Conversions

Conversions Part 1

Format	Color
Hex	68465A
RGB	104, 70, 90
RGB Percent	41%, 27%, 35%
CMY	0.5922, 0.7255, 0.6471
CMYK	0.00, 0.33, 0.13, 0.59
HSL	325°, 20%, 34%
HSV	325°, 33%, 41%
XYZ	9.7445, 8.0616, 10.7153
YIQ	82.4460, 13.8440, 13.4280

Conversions

Conversions Part 2

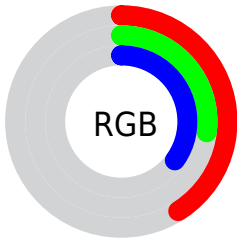
Format	Color
RYB	104, 70, 90
Decimal	6833754
CIELab	34.11, 18.02, -5.94
CIElCh	34, 18.974, 341.758
Yxy	8.0616, 0.3417, 0.2826
Android (android.graphics.Color)	4285023834 (0xFF68465A)
YUV	82.4460, 3.7241, 18.9029
Hunter-Lab	28.3929, 11.5743, -2.5007

Details

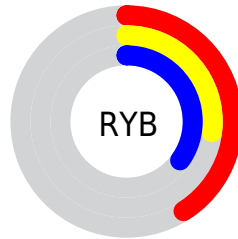
The Hex color **68465A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **466854**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9C778C**, and **381A2C** is the 20% darker color. If you saturate the color by 10%, you get **683C56**, and if you desaturate by 10%, it is **68505E**.

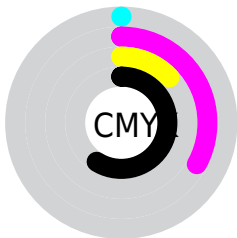
Distribution



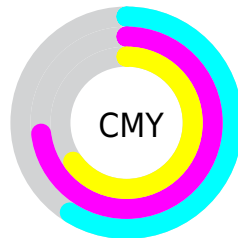
- Red (41%)
- Green (27%)
- Blue (35%)



- Red (41%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (33%)
- Yellow (13%)
- Black (59%)



- Cyan (59%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68465A 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 68465A by changing the saturation by 10% instead.



68465A



68465A

FFFFFF



4F2F43



9C778C



381A2C



B791A6



230218



D3ABC2



000000



EFC7DD



FFE3FA



68465A



68465A



683C56



68505E



683151



685B63

68274D

686567

681C49

68706B

681245

687A6F

680840

688474

68003D

688F78

68997C

68A481

Harmonies

Analogous

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



5A4A67



68465A



6E454B

Triad

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



68465A



555132



1E5764

Complementary

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



68465A



466854

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.



225856



68465A



445539

Square

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



68465A



634C34



325846



2E546C

Rectangle

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



68465A



6D4641



325846



1D5860

Sweetspot

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



68465A



877A82



544668



453D41



C4C4C4



454545

Same Dimension

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



68465A



875271



684649



332E31



730044



F2008F

Inverse Universe

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



68465A



875271



466865



332E31



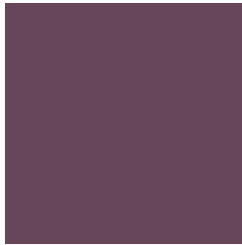
730044



F2008F

Previews

White Background



This preview shows how the Hex color 68465A looks on a white background.

Color Contrast Check

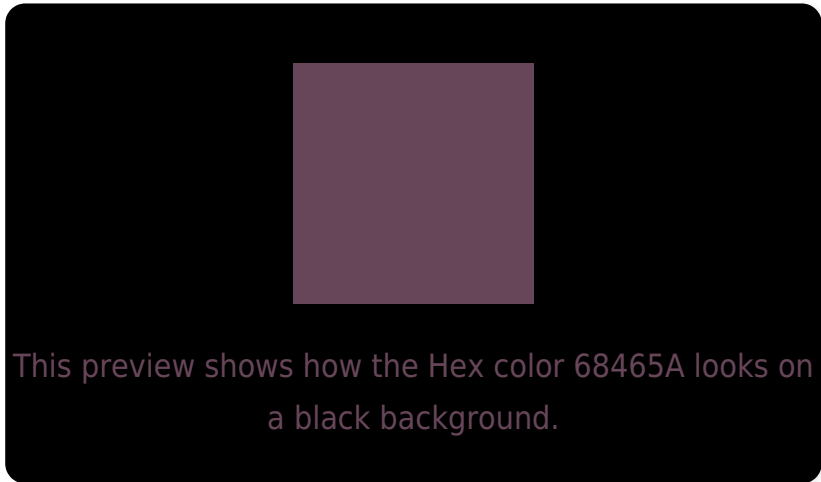
Large Text (above 18pt) WCAG AA ✓ Pass

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

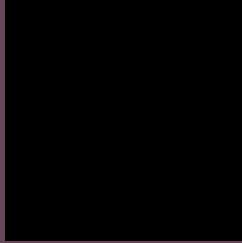
Any Text WCAG AA × Fail

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 68465A Background



This preview shows how black text looks on a background with the Hex color 68465A.



This preview shows how white text looks on a background with the Hex color 68465A.

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
68465A

Protanopia
4D5060

Deuteranopia
554E58



Tritanopia
67484E

Trichromacy



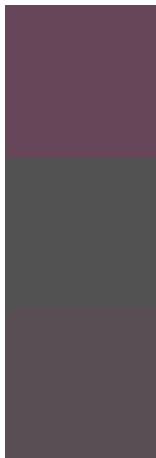
Original Color
68465A

Protanomaly
574C5E

Deuteranomaly
5C4B59

Tritanomaly
674752

Monochromacy



Original Color
68465A

Achromatopsia
525252

Achromatomaly
5A4E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 68465A 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 #68465A looks like.

```
.text, #text, p{  
    color:#68465A  
}
```

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 #68465A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68465A
}
```

Border

The CSS property to change the border of an element to Hex 68465A is called "border". The border property can be set on classes, ids or directly on the HTML element.

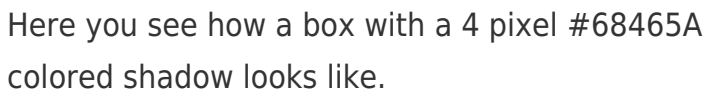
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68465A }
```

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

```
.border{ border-color:#68465A }
```

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



Here you see how a box with a 4 pixel #68465A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68465A; -webkit-box-shadow:4px 4px  
4px 4px #68465A; box-shadow:4px 4px 4px  
4px #68465A }
```

Background

The CSS property to change the background color of an element to Hex 68465A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68465A }
```

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

```
.background{ background-color:#68465A }
```

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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