

Converting Colors

Hex(465066)

Have a look what the booklet for
Hex(465066) contains.

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Color

Hex(465066)

Conversions

Conversions Part 1

Format	Color
Hex	465066
RGB	70, 80, 102
RGB Percent	27%, 31%, 40%
CMY	0.7255, 0.6863, 0.6000
CMYK	0.31, 0.22, 0.00, 0.60
HSL	221°, 19%, 34%
HSV	221°, 31%, 40%
XYZ	7.7927, 7.9987, 13.7036
YIQ	79.5180, -13.0220, 4.7220

Conversions

Conversions Part 2

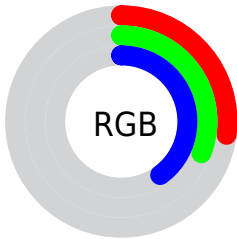
Format	Color
R _Y B	70, 78, 102
Decimal	4608102
CIE Lab	33.98, 1.78, -14.05
CIE LCh	34, 14.167, 277.224
Yxy	7.9987, 0.2642, 0.2712
Android (android.graphics.Color)	4282798182 (0xFF465066)
YUV	79.5180, 11.0836, -8.3473
Hunter-Lab	28.2820, -0.3103, -8.9305

Details

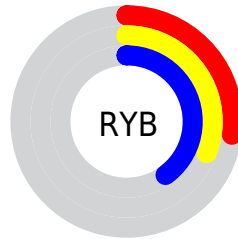
The Hex color **465066** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665C46**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **778199**, and **192437** is the 20% darker color. If you saturate the color by 10%, you get **3C4966**, and if you desaturate by 10%, it is **505766**.

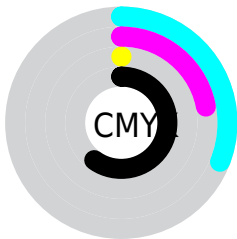
Distribution



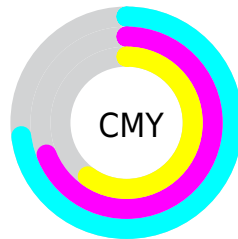
- Red (27%)
- Green (31%)
- Blue (40%)



- Red (27%)
- Yellow (31%)
- Blue (40%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (60%)



- Cyan (73%)
- Magenta (69%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465066 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 465066 by changing the saturation by 10% instead.

■ 465066

■ 465066

FFFFFF

■ 2F394E

■ 778199

■ 192437

■ 919BB4

■ 020E22

■ ACB6CF

■ 000009

■ C7D1EC

■ 000000

■ E3EEFF

■ 465066

■ 465066

■ 3C4966

■ 505766

■ 324266

■ 5A5E66

■ 273B66

■ 656566

■ 1D3466

■ 6F6C66

■ 132D66

■ 797366

■ 092666

■ 837A66

■ 002066

■ 8D8166

■ 988866

■ A28F66

Harmonies

Analogous

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



375364



465066



554C62

Triad

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



465066



664943



3C5647

Complementary

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



465066



665C46

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.



49533E



465066



604C3C

Square

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



465066



66484E



55503A



325652

Rectangle

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



465066



5D4A5C



55503A



405543

Sweetspot

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



465066



797C85



46665C



3B3D42



C2C2C2



424242

Same Dimension

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



465066



526285



4C4666



2E2F33



002473



004CF2

Inverse Universe

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



664650



855262



606646



332E2F



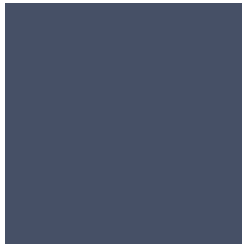
730024



F2004C

Previews

White Background



This preview shows how the Hex color 465066 looks on a white background.

Color Contrast Check

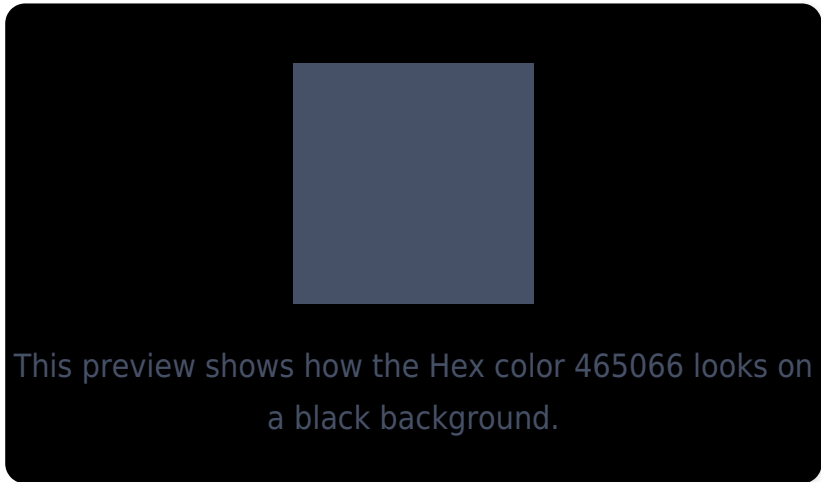
Large Text (above 18pt) WCAG AA ✓ Pass

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

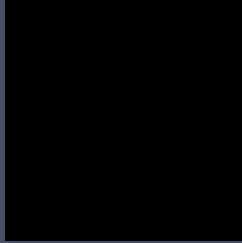
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

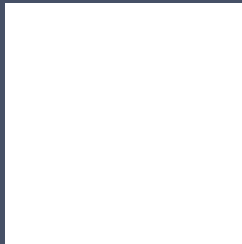
Any Text WCAG AAA × Fail

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

Hex 465066 Background



This preview shows how black text looks on a background with the Hex color 465066.

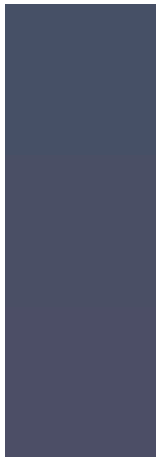


This preview shows how white text looks on a background with the Hex color 465066.

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
465066

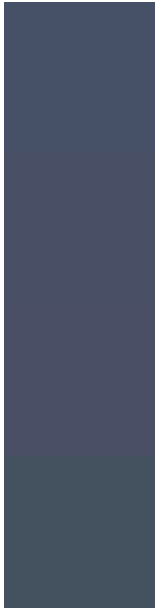
Protanopia
4A4F65

Deuteranopia
4C4E66



Tritanopia
435259

Trichromacy



Original Color
465066

Protanomaly
494F65

Deuteranomaly
4A4F66

Tritanomaly
44515E

Monochromacy



Original Color
465066

Achromatopsia
505050

Achromatomaly
4C5058

CSS Examples

Text

The CSS property to change the color of the text to Hex 465066 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 #465066 looks like.

```
.text, #text, p{  
    color:#465066  
}
```

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 #465066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465066
}
```

Border

The CSS property to change the border of an element to Hex 465066 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
#465066 }
```

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

```
.border{ border-color:#465066 }
```

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

Here you see how a box with a 4 pixel #465066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465066; -webkit-box-shadow:4px 4px  
4px 4px #465066; box-shadow:4px 4px 4px  
4px #465066 }
```

Background

The CSS property to change the background color of an element to Hex 465066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465066 }
```

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

```
.background{ background-color:#465066 }
```

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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