

Converting Colors

Hex(465966)

Have a look what the booklet for
Hex(465966) contains.

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Color

Hex(465966)

Conversions

Conversions Part 1

Format	Color
Hex	465966
RGB	70, 89, 102
RGB Percent	27%, 35%, 40%
CMY	0.7255, 0.6510, 0.6000
CMYK	0.31, 0.13, 0.00, 0.60
HSL	204°, 19%, 34%
HSV	204°, 31%, 40%
XYZ	8.4964, 9.4062, 13.9381
YIQ	84.8010, -15.4970, 0.0150

Conversions

Conversions Part 2

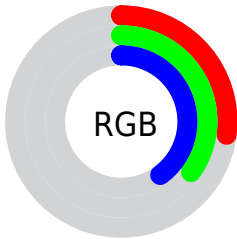
Format	Color
R_{YB}	70, 82, 102
Decimal	4610406
CIE _{Lab}	36.75, -3.83, -9.84
CIE _{LCh}	37, 10.558, 248.748
Yxy	9.4062, 0.2668, 0.2954
Android (android.graphics.Color)	4282800486 (0xFF465966)
YUV	84.8010, 8.4791, -12.9805
Hunter-Lab	30.6695, -4.2212, -5.4765

Details

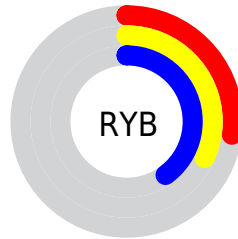
The Hex color **465966** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665346**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **778B99**, and **192C37** is the 20% darker color. If you saturate the color by 10%, you get **3C5566**, and if you desaturate by 10%, it is **505D66**.

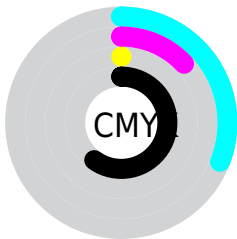
Distribution



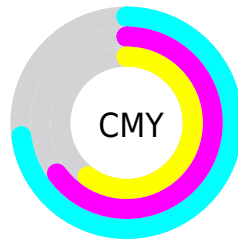
- Red (27%)
- Green (35%)
- Blue (40%)



- Red (27%)
- Yellow (32%)
- Blue (40%)



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)
- Black (60%)



- Cyan (73%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465966 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 465966 by changing the saturation by 10% instead.

■ 465966

■ 465966

FFFFFF

■ 2F424E

■ 778B99

■ 192C37

■ 91A5B4

■ 021722

■ ACC0CF

■ 00000A

■ C7DCEC

■ 000000

■ E4F9FF

■ 465966

■ 465966

■ 3C5566

■ 505D66

■ 325166

■ 5A6166

■ 274D66

■ 656566

■ 1D4866

■ 6F6A66

■ 134466

■ 796E66

■ 094066

■ 837266

■ 003D66

■ 8D7666

■ 987A66

■ A27E66

Harmonies

Analogous

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



405B61



465966



505667

Triad

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



465966



685154



515949

Complementary

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



465966



665346

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.



5B5746



465966



68524C

Square

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



465966



64515D



635447



485B50

Rectangle

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



465966



585465



635447



545848

Sweetspot

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



465966



798085



466653



3B3F42



C2C2C2



424242

Same Dimension

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



465966



527085



464966



2E3133



004473



0090F2

Inverse Universe

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



664659



855270



666346



332E31



730044



F20090

Previews

White Background



This preview shows how the Hex color 465966 looks on a white background.

Color Contrast Check

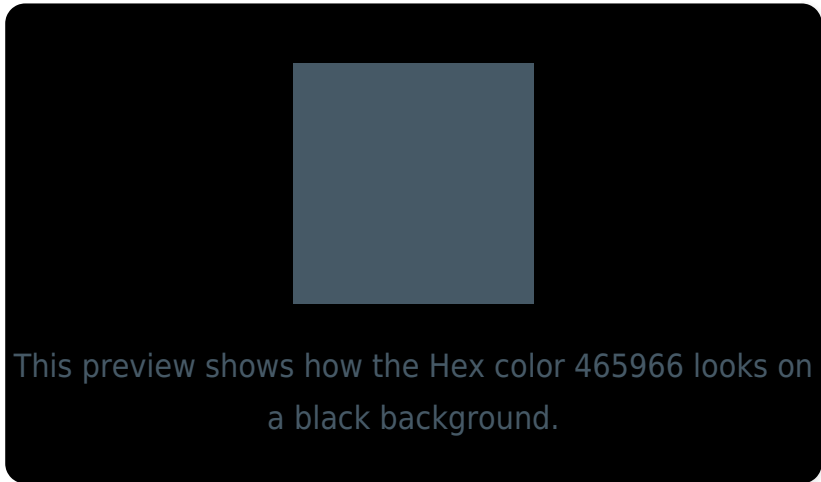
Large Text (above 18pt) WCAG AA ✓ Pass

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

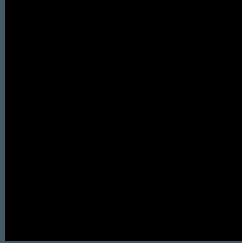
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

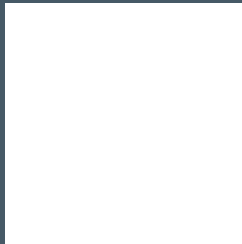
Any Text WCAG AAA × Fail

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

Hex 465966 Background



This preview shows how black text looks on a background with the Hex color 465966.

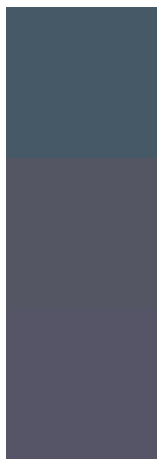


This preview shows how white text looks on a background with the Hex color 465966.

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

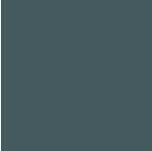
465966

Protanopia

545664

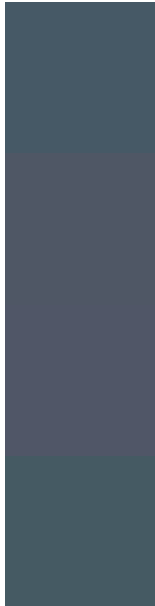
Deuteranopia

565467



Tritanopia
455A61

Trichromacy



Original Color
465966

Protanomaly
4F5765

Deuteranomaly
505667

Tritanomaly
455A63

Monochromacy



Original Color
465966

Achromatopsia
555555

Achromatomaly
50565B

CSS Examples

Text

The CSS property to change the color of the text to Hex 465966 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 #465966 looks like.

```
.text, #text, p{  
    color:#465966  
}
```

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 #465966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465966
}
```

Border

The CSS property to change the border of an element to Hex 465966 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
#465966 }
```

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

```
.border{ border-color:#465966 }
```

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

Here you see how a box with a 4 pixel #465966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465966; -webkit-box-shadow:4px 4px  
4px 4px #465966; box-shadow:4px 4px 4px  
4px #465966 }
```

Background

The CSS property to change the background color of an element to Hex 465966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465966 }
```

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

```
.background{ background-color:#465966 }
```

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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