

Converting Colors

Hex(464C67)

Have a look what the booklet for
Hex(464C67) contains.

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Color

Hex(464C67)

Conversions

Conversions Part 1

Format	Color
Hex	464C67
RGB	70, 76, 103
RGB Percent	27%, 30%, 40%
CMY	0.7255, 0.7020, 0.5961
CMYK	0.32, 0.26, 0.00, 0.60
HSL	229°, 19%, 34%
HSV	229°, 32%, 40%
XYZ	7.5584, 7.4502, 13.8716
YIQ	77.2840, -12.2430, 7.1250

Conversions

Conversions Part 2

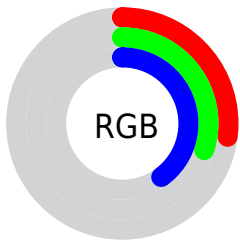
Format	Color
RYB	70, 75, 103
Decimal	4607079
CIELab	32.81, 4.62, -16.48
CIElCh	33, 17.116, 285.672
Yxy	7.4502, 0.2617, 0.2580
Android (android.graphics.Color)	4282797159 (0xFF464C67)
YUV	77.2840, 12.6780, -6.3881
Hunter-Lab	27.2951, 1.6627, -11.0251

Details

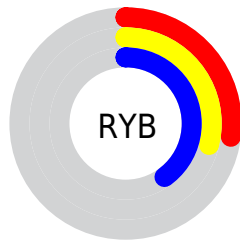
The Hex color **464C67** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **676146**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **777D9A**, and **192038** is the 20% darker color. If you saturate the color by 10%, you get **3C4467**, and if you desaturate by 10%, it is **505467**.

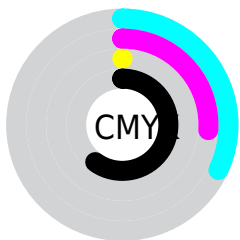
Distribution



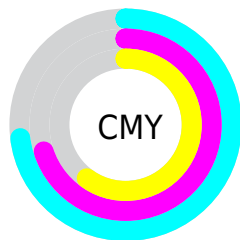
- Red (27%)
- Green (30%)
- Blue (40%)



- Red (27%)
- Yellow (29%)
- Blue (40%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (60%)



- Cyan (73%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464C67 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 464C67 by changing the saturation by 10% instead.

■ 464C67

■ 464C67

FFFFFF

■ 2F354F

■ 777D9A

■ 192038

■ 9197B5

■ 020823

■ ACB1D1

■ 00000A

■ C7CDED

■ 000000

■ E4E9FF

■ 464C67

■ 464C67

■ 3C4467

■ 505467

■ 313B67

■ 5B5D67

■ 273367

■ 656567

■ 1D2A67

■ 6F6E67

■ 132267

■ 7A7667

■ 081967

■ 847F67

■ 001367

■ 8E8767

■ 988F67

■ A39867

Harmonies

Analogous

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



325067



464C67



584760

Triad

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



464C67



65463A



315446

Complementary

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



464C67



676146

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.



40523A



464C67



5C4A33

Square

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



464C67



684346



4F4F33



245554

Rectangle

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



464C67



614559



4F4F33



365442

Sweetspot

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



464C67



7A7C87



466761



3D3E45



C4C4C4



454545

Same Dimension

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



464C67



545D87



504667



2E2F33



001573



002CF2

Inverse Universe

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



67464C



87545D



5D6746



332E2F



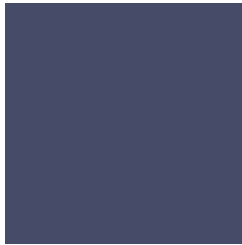
730015



F2002C

Previews

White Background



This preview shows how the Hex color 464C67 looks on a white background.

Color Contrast Check

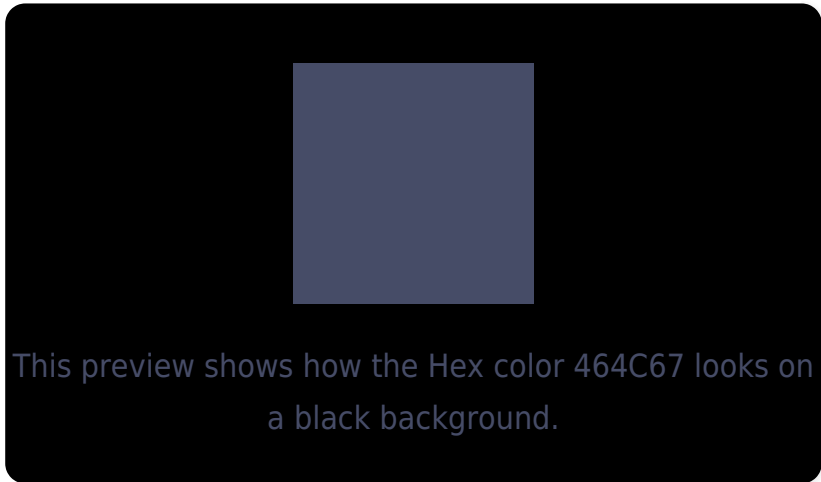
Large Text (above 18pt) WCAG AA ✓ Pass

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

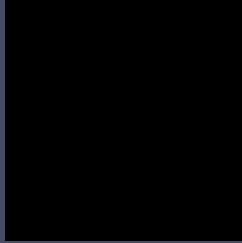
Any Text WCAG AA × Fail

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 464C67 Background



This preview shows how black text looks on a background with the Hex color 464C67.



This preview shows how white text looks on a background with the Hex color 464C67.

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

464C67

Protanopia

464C67

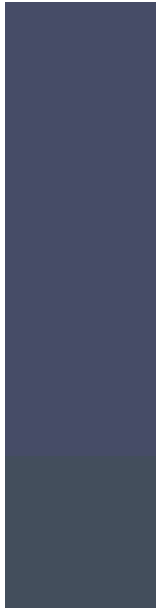
Deuteranopia

464C67



Tritanopia
424F56

Trichromacy



Original Color
464C67

Protanomaly
464C67

Deuteranomaly
464C67

Tritanomaly
434E5C

Monochromacy



Original Color
464C67

Achromatopsia
4D4D4D

Achromatomaly
4A4D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 464C67 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 #464C67 looks like.

```
.text, #text, p{  
    color:#464C67  
}
```

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 #464C67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464C67
}
```

Border

The CSS property to change the border of an element to Hex 464C67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

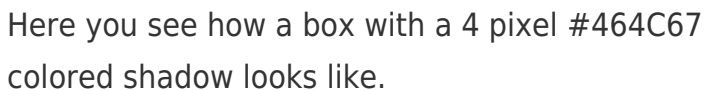
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464C67 }
```

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

```
.border{ border-color:#464C67 }
```

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



Here you see how a box with a 4 pixel `#464C67` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464C67; -webkit-box-shadow:4px 4px  
4px 4px #464C67; box-shadow:4px 4px 4px  
4px #464C67 }
```

Background

The CSS property to change the background color of an element to Hex 464C67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464C67 }
```

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

```
.background{ background-color:#464C67 }
```

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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