

Converting Colors

Hex(464F58)

Have a look what the booklet for
Hex(464F58) contains.

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Color

Hex(464F58)

Conversions

Conversions Part 1

Format	Color
Hex	464F58
RGB	70, 79, 88
RGB Percent	27%, 31%, 35%
CMY	0.7255, 0.6902, 0.6549
CMYK	0.20, 0.10, 0.00, 0.65
HSL	210°, 11%, 31%
HSV	210°, 20%, 35%
XYZ	7.0832, 7.5986, 10.3259
YIQ	77.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

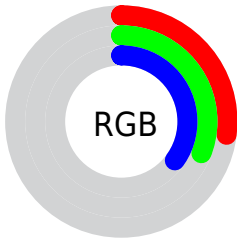
Format	Color
R_{YB}	70, 76, 88
Decimal	4607832
CIE Lab	33.13, -1.37, -6.49
CIE LCh	33, 6.636, 258.104
Yxy	7.5986, 0.2832, 0.3039
Android (android.graphics.Color)	4282797912 (0xFF464F58)
YUV	77.3350, 5.2578, -6.4328
Hunter-Lab	27.5656, -2.3728, -2.9137

Details

The Hex color **464F58** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **584F46**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **77808A**, and **1A232B** is the 20% darker color. If you saturate the color by 10%, you get **3D4B58**, and if you desaturate by 10%, it is **4F5358**.

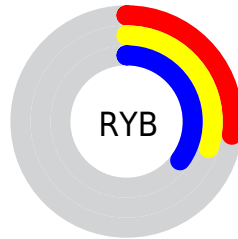
Distribution



Red (27%)

Green (31%)

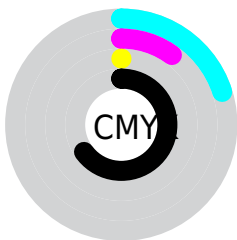
Blue (35%)



Red (27%)

Yellow (30%)

Blue (35%)

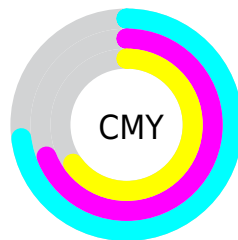


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (65%)



Cyan (73%)

Magenta (69%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464F58 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 464F58 by changing the saturation by 10% instead.



464F58



464F58

FFFFFF



2F3841



77808A



1A232B



909AA4



000D16



ABB5BF



000000



C6D0DB



E2EDF8



464F58



464F58



3D4B58



4F5358



344658



585858

■ 2C4258

■ 605C58

■ 233D58

■ 696158

■ 1A3958

■ 726558

■ 113558

■ 7B6958

■ 083058

■ 846E58

■ 002C58

■ 8C7258

■ 957758

Harmonies

Analogous

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



425055



464F58



4C4D58

Triad

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



464F58



594A4B



495047

Complementary

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



464F58



584F46

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.



4F4F44



464F58



584B46

Square

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



464F58



574B50



544D44



44514C

Rectangle

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



464F58



514C56



544D44



4B5046

Sweetspot

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



464F58



6C6F73



46584F



37393B



BABABA



3B3B3B

Same Dimension

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



464F58



566473



464658



27292B



00366B



0075EB

Inverse Universe

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



58464F



735664



585846



2B2729



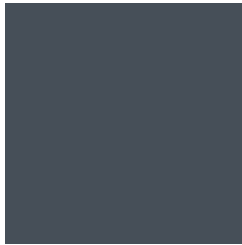
6B0036



EB0075

Previews

White Background



This preview shows how the Hex color 464F58 looks on a white background.

Color Contrast Check

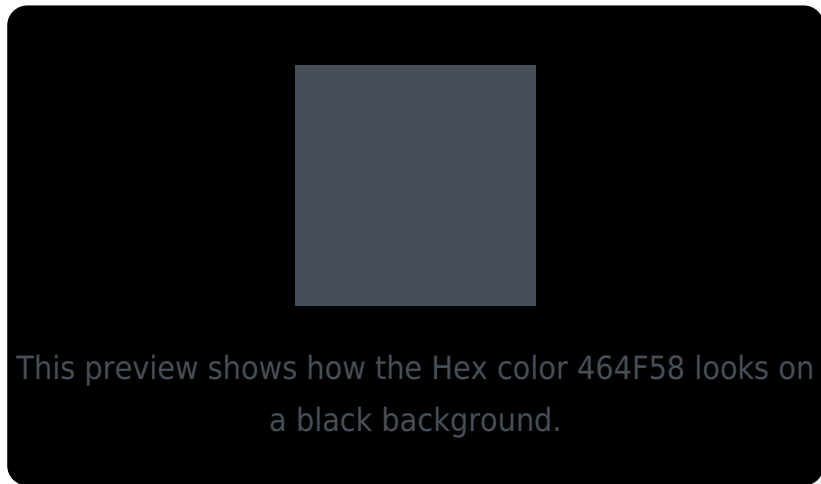
Large Text (above 18pt) WCAG AA ✓ Pass

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

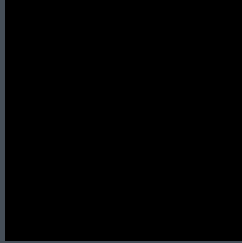
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

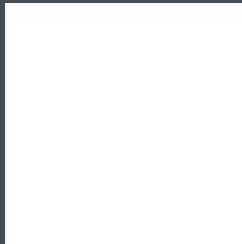
Any Text WCAG AAA × Fail

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

Hex 464F58 Background



This preview shows how black text looks on a background with the Hex color 464F58.



This preview shows how white text looks on a background with the Hex color 464F58.

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](#).

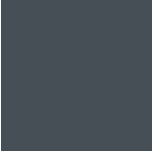
Dichromacy



Original Color
464F58

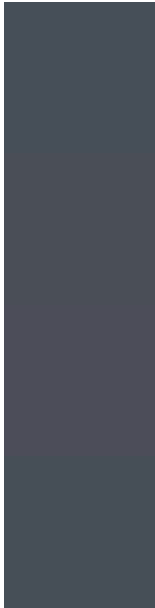
Protanopia
4C4D57

Deuteranopia
504C59



Tritanopia
464F56

Trichromacy



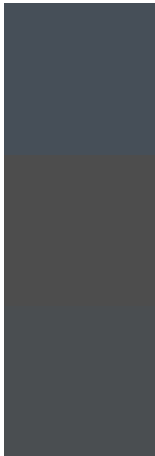
Original Color
464F58

Protanomaly
4A4E57

Deuteranomaly
4C4D59

Tritanomaly
464F57

Monochromacy



Original Color
464F58

Achromatopsia
4D4D4D

Achromatomaly
4A4E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 464F58 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 #464F58 looks like.

```
.text, #text, p{  
    color:#464F58  
}
```

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 #464F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464F58
}
```

Border

The CSS property to change the border of an element to Hex 464F58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

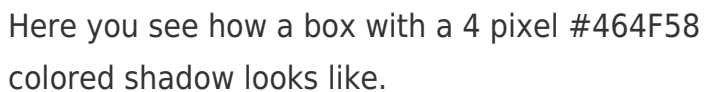
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464F58 }
```

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

```
.border{ border-color:#464F58 }
```

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



Here you see how a box with a 4 pixel #464F58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464F58; -webkit-box-shadow:4px 4px  
4px 4px #464F58; box-shadow:4px 4px 4px  
4px #464F58 }
```

Background

The CSS property to change the background color of an element to Hex 464F58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464F58 }
```

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

```
.background{ background-color:#464F58 }
```

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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