

Converting Colors

Hex(484C6E)

Have a look what the booklet for
Hex(484C6E) contains.

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Color

Hex(484C6E)

Conversions

Conversions Part 1

Format	Color
Hex	484C6E
RGB	72, 76, 110
RGB Percent	28%, 30%, 43%
CMY	0.7176, 0.7020, 0.5686
CMYK	0.35, 0.31, 0.00, 0.57
HSL	234°, 21%, 36%
HSV	234°, 35%, 43%
XYZ	8.0714, 7.6724, 15.8074
YIQ	78.6800, -13.2980, 9.7260

Conversions

Conversions Part 2

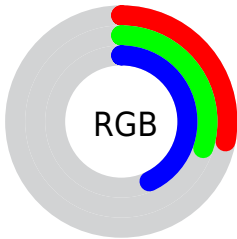
Format	Color
R_{YB}	72, 76, 110
Decimal	4738158
CIE Lab	33.29, 7.31, -20.13
CIE LCh	33, 21.417, 289.961
Yxy	7.6724, 0.2558, 0.2432
Android (android.graphics.Color)	4282928238 (0xFF484C6E)
YUV	78.6800, 15.4408, -5.8584
Hunter-Lab	27.6991, 3.5408, -14.4464

Details

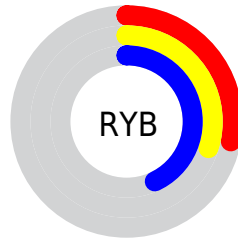
The Hex color **484C6E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6E6A48**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7A7DA2**, and **1A203E** is the 20% darker color. If you saturate the color by 10%, you get **3D426E**, and if you desaturate by 10%, it is **53566E**.

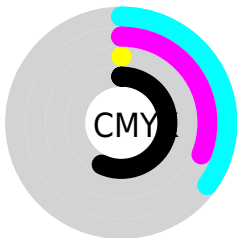
Distribution



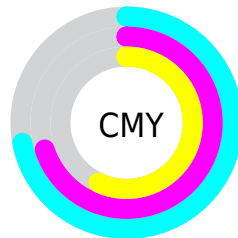
- Red (28%)
- Green (30%)
- Blue (43%)



- Red (28%)
- Yellow (30%)
- Blue (43%)



- Cyan (35%)
- Magenta (31%)
- Yellow (0%)
- Black (57%)



- Cyan (72%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 484C6E 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 484C6E by changing the saturation by 10% instead.

■ 484C6E

■ 484C6E

FFFFFF

■ 303556

■ 7A7DA2

■ 1A203E

■ 9497BD

■ 040928

■ AFB1D9

■ 000113

■ CACDF5

■ 000000

■ E7E9FF

■ 484C6E

■ 484C6E

■ 3D426E

■ 53566E

■ 32386E

■ 5E606E

■ 272E6E

■ 696A6E

■ 1C256E

■ 74736E

■ 111B6E

■ 7F7D6E

■ 06116E

■ 8A876E

■ 000C6E

■ 95916E

■ A09B6E

■ ABA56E

Harmonies

Analogous

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



2C526F



484C6E



5E4664

Triad

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



484C6E



6A4635



255748

Complementary

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



484C6E



6E6A48

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.



3B5538



484C6E



5F4B2D

Square

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



484C6E



6F4244



4E512E



0D5759

Rectangle

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



484C6E



68435A



4E512E



2C5642

Sweetspot

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



484C6E



81828F



486E6A



3F4047



C7C7C7



474747

Same Dimension

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



484C6E



545A8F



57486E



323338



000D78



001AF7

Inverse Universe

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



6E484C



8F545A



5F6E48



383233



78000D



F7001A

Previews

White Background



This preview shows how the Hex color 484C6E looks on a white background.

Color Contrast Check

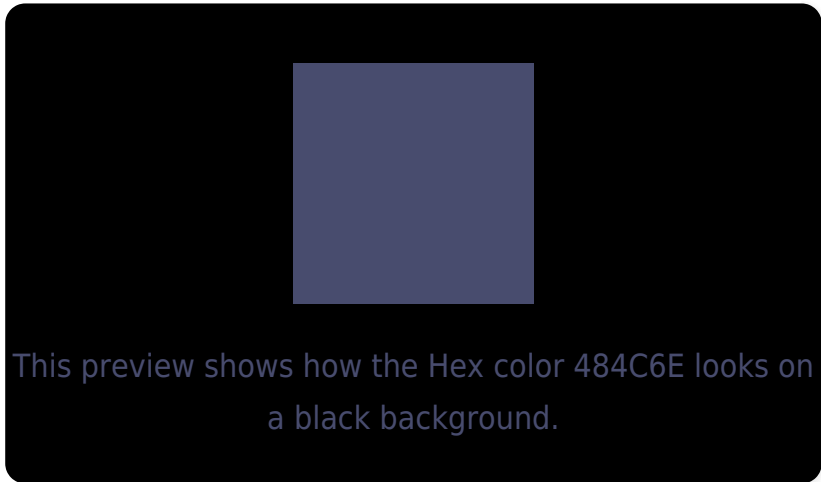
Large Text (above 18pt) WCAG AA ✓ Pass

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

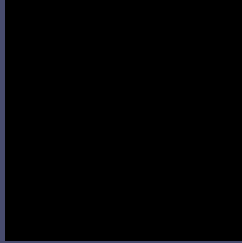
Any Text WCAG AA × Fail

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 484C6E Background



This preview shows how black text looks on a background with the Hex color 484C6E.

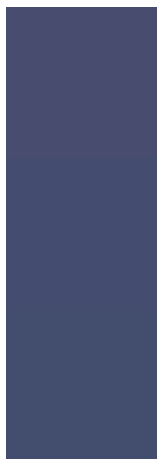


This preview shows how white text looks on a background with the Hex color 484C6E.

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
484C6E

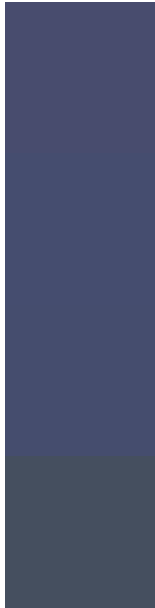
Protanopia
444D6F

Deuteranopia
434D6E



Tritanopia
435057

Trichromacy



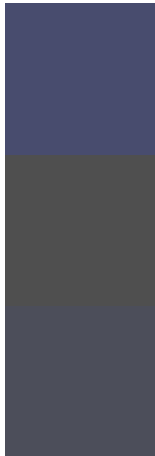
Original Color
484C6E

Protanomaly
454D6F

Deuteranomaly
454D6E

Tritanomaly
454F5F

Monochromacy



Original Color
484C6E

Achromatopsia
4F4F4F

Achromatomaly
4C4E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 484C6E 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 #484C6E looks like.

```
.text, #text, p{  
    color:#484C6E  
}
```

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 #484C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484C6E
}
```

Border

The CSS property to change the border of an element to Hex 484C6E 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".

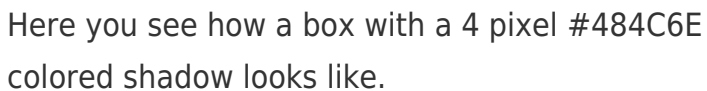
```
.border, #border, table{ border:4px solid
#484C6E }
```

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

```
.border{ border-color:#484C6E }
```

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

Here you see how a box with a 4 pixel #484C6E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484C6E; -webkit-box-shadow:4px 4px  
4px 4px #484C6E; box-shadow:4px 4px 4px  
4px #484C6E }
```

Background

The CSS property to change the background color of an element to Hex 484C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484C6E }
```

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

```
.background{ background-color:#484C6E }
```

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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