

Converting Colors

Hex(455C84)

Have a look what the booklet for
Hex(455C84) contains.

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Color

Hex(455C84)

Conversions

Conversions Part 1

Format	Color
Hex	455C84
RGB	69, 92, 132
RGB Percent	27%, 36%, 52%
CMY	0.7294, 0.6392, 0.4824
CMYK	0.48, 0.30, 0.00, 0.48
HSL	218°, 31%, 39%
HSV	218°, 48%, 52%
XYZ	10.4462, 10.5854, 23.3224
YIQ	89.6830, -26.5480, 7.5640

Conversions

Conversions Part 2

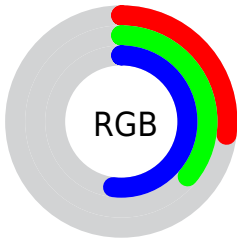
Format	Color
R_{YB}	69, 86, 132
Decimal	4545668
CIE _{Lab}	38.87, 2.98, -25.06
CIE _{LCh}	39, 25.233, 276.783
Yxy	10.5854, 0.2355, 0.2387
Android (android.graphics.Color)	4282735748 (0xFF455C84)
YUV	89.6830, 20.8623, -18.1390
Hunter-Lab	32.5353, 0.3751, -19.7264

Details

The Hex color **455C84** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **846D45**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **788EB9**, and **102F52** is the 20% darker color. If you saturate the color by 10%, you get **385484**, and if you desaturate by 10%, it is **526484**.

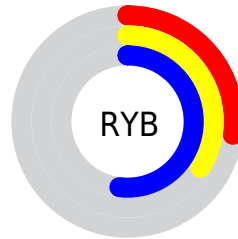
Distribution



Red (27%)

Green (36%)

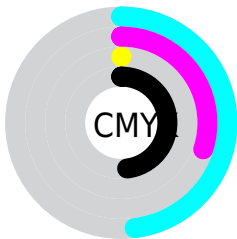
Blue (52%)



Red (27%)

Yellow (34%)

Blue (52%)

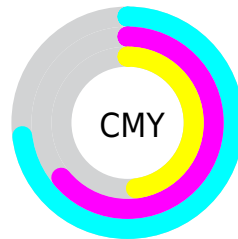


Cyan (48%)

Magenta (30%)

Yellow (0%)

Black (48%)



Cyan (73%)

Magenta (64%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455C84 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 455C84 by changing the saturation by 10% instead.



455C84



455C84

FFFFFF



2C456B



788EB9



102F52



93A8D5



001A3B



AEC4F1



000225



CADFFF



00010E



E7FCFF



000000



455C84



455C84



385484



526484



2B4B84



5F6D84

■ 1D4384

■ 6D7584

■ 103A84

■ 7A7E84

■ 033284

■ 878684

■ 003084

■ 948E84

■ A19784

■ AF9F84

■ BCA784

Harmonies

Analogous

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



1E6281



455C84



64547C

Triad

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



455C84



814E44



35654B

Complementary

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



455C84



846D45

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.



4E623A



455C84



765536

Square

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



455C84



834B58



645C32



146660

Rectangle

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



455C84



735072



645C32



3E6444

Sweetspot

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



455C84



939CAB



45846D



484D57



D6D6D6



575757

Same Dimension

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



455C84



496DAB



4D4584



3C3E42



002F82



000103

Inverse Universe

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



84455C



AB496D



7C8445



423C3E



82002F



030001

Previews

White Background



This preview shows how the Hex color 455C84 looks on a white background.

Color Contrast Check

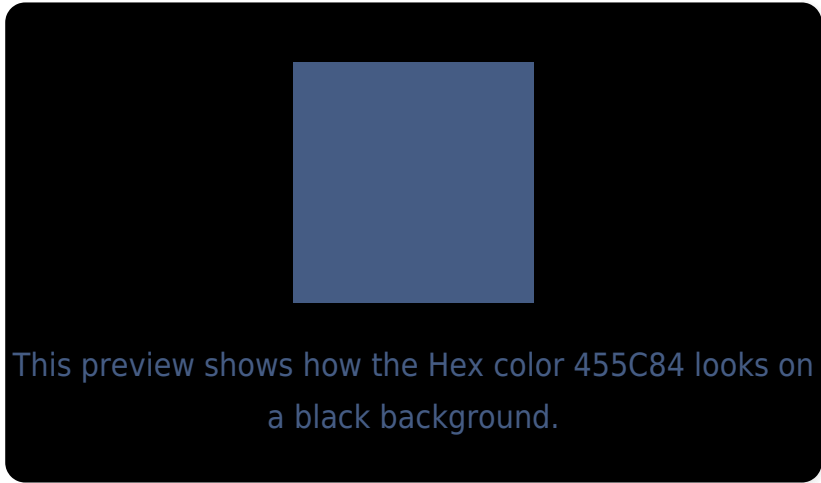
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

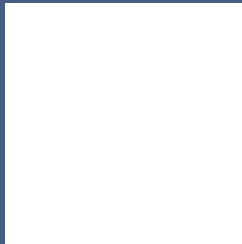
Any Text WCAG AAA × Fail

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

Hex 455C84 Background



This preview shows how black text looks on a background with the Hex color 455C84.

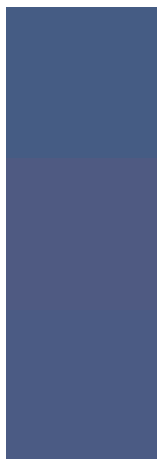


This preview shows how white text looks on a background with the Hex color 455C84.

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
455C84

Protanopia
4F5A82

Deuteranopia
4B5B84



Tritanopia
3D6169

Trichromacy



Original Color
455C84

Protanomaly
4B5B83

Deuteranomaly
495B84

Tritanomaly
405F73

Monochromacy



Original Color
455C84

Achromatopsia
5A5A5A

Achromatomaly
525B69

CSS Examples

Text

The CSS property to change the color of the text to Hex 455C84 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 #455C84 looks like.

```
.text, #text, p{  
    color:#455C84  
}
```

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 #455C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455C84
}
```

Border

The CSS property to change the border of an element to Hex 455C84 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".

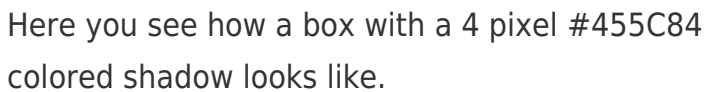
```
.border, #border, table{ border:4px solid
#455C84 }
```

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

```
.border{ border-color:#455C84 }
```

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

Here you see how a box with a 4 pixel #455C84 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455C84; -webkit-box-shadow:4px 4px  
4px 4px #455C84; box-shadow:4px 4px 4px  
4px #455C84 }
```

Background

The CSS property to change the background color of an element to Hex 455C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455C84 }
```

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

```
.background{ background-color:#455C84 }
```

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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