

Converting Colors

Hex(455884)

Have a look what the booklet for
Hex(455884) contains.

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Color

Hex(455884)

Conversions

Conversions Part 1

Format	Color
Hex	455884
RGB	69, 88, 132
RGB Percent	27%, 35%, 52%
CMY	0.7294, 0.6549, 0.4824
CMYK	0.48, 0.33, 0.00, 0.48
HSL	222°, 31%, 39%
HSV	222°, 48%, 52%
XYZ	10.1088, 9.9106, 23.2099
YIQ	87.3350, -25.4480, 9.6560

Conversions

Conversions Part 2

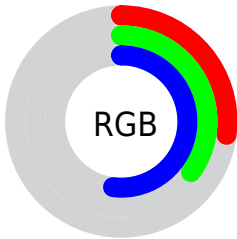
Format	Color
R _{YB}	69, 84, 132
Decimal	4544644
CIE Lab	37.68, 5.51, -26.92
CIE LCh	38, 27.476, 281.568
Yxy	9.9106, 0.2338, 0.2293
Android (android.graphics.Color)	4282734724 (0xFF455884)
YUV	87.3350, 22.0198, -16.0798
Hunter-Lab	31.4811, 2.2258, -21.6757

Details

The Hex color **455884** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **847145**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **798AB9**, and **102B52** is the 20% darker color. If you saturate the color by 10%, you get **384F84**, and if you desaturate by 10%, it is **526184**.

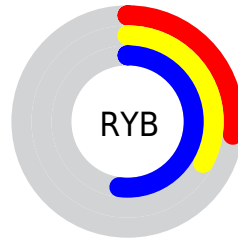
Distribution



Red (27%)

Green (35%)

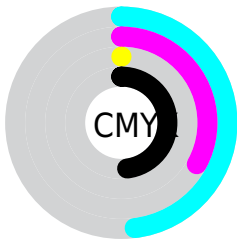
Blue (52%)



Red (27%)

Yellow (33%)

Blue (52%)

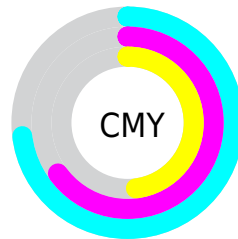


Cyan (48%)

Magenta (33%)

Yellow (0%)

Black (48%)



Cyan (73%)

Magenta (65%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455884 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 455884 by changing the saturation by 10% instead.

■ 455884

■ 455884

FFFFFF

■ 2C416B

■ 798AB9

■ 102B52

■ 93A4D5

■ 00173B

■ AEBFF2

■ 000225

■ CADBFF

■ 00010D

■ E7F7FF

■ 000000

■ 455884

■ 455884

■ 384F84

■ 526184

■ 2B4684

■ 5F6A84

■ 1D3C84

■ 6D7484

■ 103384

■ 7A7D84

■ 032A84

■ 878684

■ 002884

■ 948F84

■ A19984

■ AFA284

■ BCAB84

Harmonies

Analogous

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



135F82



455884



66507A

Triad

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



455884



7F4B3C



28634A

Complementary

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



455884



847145

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.



466037



455884



72532F

Square

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



455884



834751



5E5A2C



006461

Rectangle

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



455884



754B6E



5E5A2C



336243

Sweetspot

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



455884



939AAB



458470



484C57



D6D6D6



575757

Same Dimension

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



455884



4967AB



514584



3C3E42



002782



000103

Inverse Universe

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



844558



AB4967



788445



423C3E



820027



030001

Previews

White Background



This preview shows how the Hex color 455884 looks on a white background.

Color Contrast Check

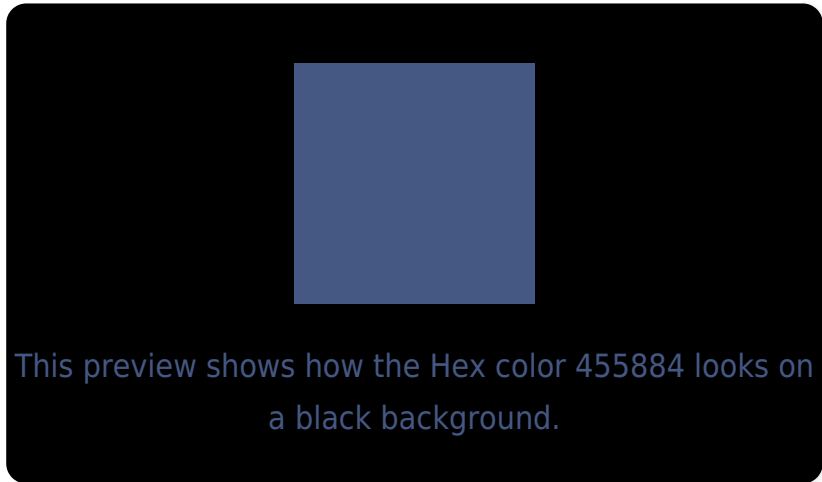
Large Text (above 18pt) WCAG AA ✓ Pass

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

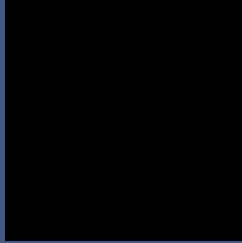
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

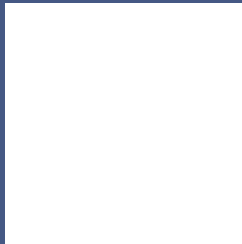
Any Text WCAG AAA × Fail

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

Hex 455884 Background



This preview shows how black text looks on a background with the Hex color 455884.



This preview shows how white text looks on a background with the Hex color 455884.

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
455884

Protanopia
4A5783

Deuteranopia
455884



Tritanopia
3C5E66

Trichromacy



Original Color
455884

Protanomaly
485783

Deuteranomaly
455884

Tritanomaly
3F5C71

Monochromacy



Original Color
455884

Achromatopsia
575757

Achromatomaly
505767

CSS Examples

Text

The CSS property to change the color of the text to Hex 455884 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 #455884 looks like.

```
.text, #text, p{  
    color:#455884  
}
```

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 #455884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455884
}
```

Border

The CSS property to change the border of an element to Hex 455884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

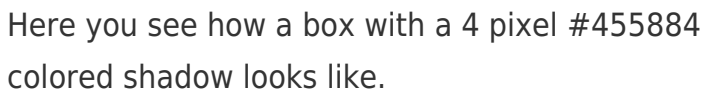
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#455884 }
```

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

```
.border{ border-color:#455884 }
```

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



Here you see how a box with a 4 pixel #455884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455884; -webkit-box-shadow:4px 4px  
4px 4px #455884; box-shadow:4px 4px 4px  
4px #455884 }
```

Background

The CSS property to change the background color of an element to Hex 455884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455884 }
```

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

```
.background{ background-color:#455884 }
```

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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