

Converting Colors

Hex(455F68)

Have a look what the booklet for
Hex(455F68) contains.

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Color

Hex(455F68)

Conversions

Conversions Part 1

Format	Color
Hex	455F68
RGB	69, 95, 104
RGB Percent	27%, 37%, 41%
CMY	0.7294, 0.6275, 0.5922
CMYK	0.34, 0.09, 0.00, 0.59
HSL	195°, 20%, 34%
HSV	195°, 34%, 41%
XYZ	9.0451, 10.4491, 14.6369
YIQ	88.2520, -18.3850, -2.7130

Conversions

Conversions Part 2

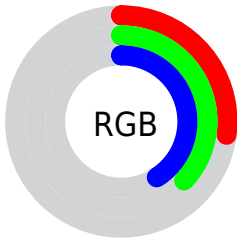
Format	Color
R_{YB}	69, 84, 104
Decimal	4546408
CIE _{Lab}	38.64, -7.23, -8.25
CIE _{LCh}	39, 10.969, 228.793
Yxy	10.4491, 0.2650, 0.3061
Android (android.graphics.Color)	4282736488 (0xFF455F68)
YUV	88.2520, 7.7638, -16.8840
Hunter-Lab	32.3251, -6.6213, -4.2191

Details

The Hex color **455F68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **684E45**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **76919B**, and **173139** is the 20% darker color. If you saturate the color by 10%, you get **3B5C68**, and if you desaturate by 10%, it is **4F6268**.

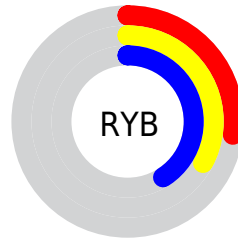
Distribution



Red (27%)

Green (37%)

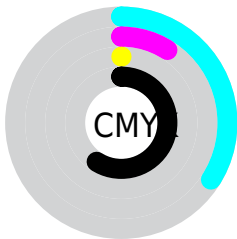
Blue (41%)



Red (27%)

Yellow (33%)

Blue (41%)

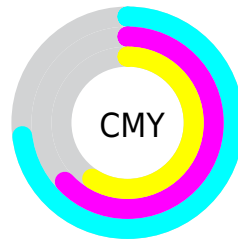


Cyan (34%)

Magenta (9%)

Yellow (0%)

Black (59%)



Cyan (73%)

Magenta (63%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455F68 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 455F68 by changing the saturation by 10% instead.

■ 455F68

■ 455F68

FFFFFF

■ 2E4750

■ 76919B

■ 173139

■ 90ACB6

■ 001C24

■ ABC7D2

■ 00010E

■ C7E3EE

■ 000000

■ E3FFFF

■ 455F68

■ 455F68

■ 3B5C68

■ 4F6268

■ 305A68

■ 5A6468

■ 265768

■ 646768

■ 1B5468

■ 6F6A68

■ 115268

■ 796C68

■ 074F68

■ 836F68

■ 004D68

■ 8E7268

■ 987468

■ A37768

Harmonies

Analogous

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



446060



455F68



4D5D6C

Triad

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



455F68



6B555F



5C5C4A

Complementary

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



455F68



684E45

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.



65594A



455F68



6E5556

Square

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



455F68



635767



6C574E



525F4F

Rectangle

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



455F68



545B6C



6C574E



5F5B49

Sweetspot

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



455F68



7A8487



45684E



3D4345



C4C4C4



454545

Same Dimension

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



455F68



517987



454E68



2E3233



005573



00B4F2

Inverse Universe

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



68455F



875179



685F45



332E32



730055



F200B4

Previews

White Background



This preview shows how the Hex color 455F68 looks on a white background.

Color Contrast Check

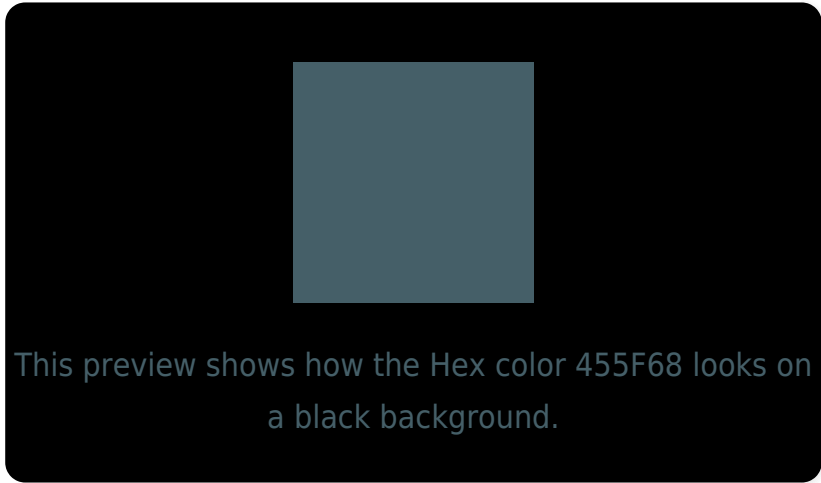
Large Text (above 18pt) WCAG AA ✓ Pass

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

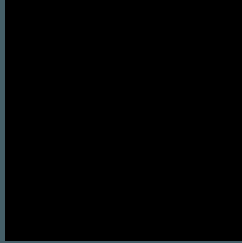
Any Text WCAG AA × Fail

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 455F68 Background



This preview shows how black text looks on a background with the Hex color 455F68.



This preview shows how white text looks on a background with the Hex color 455F68.

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
455F68

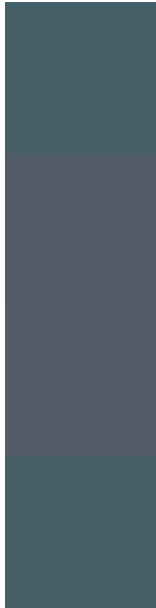
Protanopia
595A65

Deuteranopia
5D5869



Tritanopia
455F67

Trichromacy



Original Color
455F68

Protanomaly
525C66

Deuteranomaly
545B69

Tritanomaly
455F67

Monochromacy



Original Color
455F68

Achromatopsia
585858

Achromatomaly
515B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 455F68 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 #455F68 looks like.

```
.text, #text, p{  
    color:#455F68  
}
```

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 #455F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455F68
}
```

Border

The CSS property to change the border of an element to Hex 455F68 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
#455F68 }
```

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

```
.border{ border-color:#455F68 }
```

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

Here you see how a box with a 4 pixel #455F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455F68; -webkit-box-shadow:4px 4px  
4px 4px #455F68; box-shadow:4px 4px 4px  
4px #455F68 }
```

Background

The CSS property to change the background color of an element to Hex 455F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455F68 }
```

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

```
.background{ background-color:#455F68 }
```

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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