

# Converting Colors

Hex(455858)

Have a look what the booklet for  
Hex(455858) contains.

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# Color

**Hex(455858)**

# Conversions

## Conversions Part 1

Format	Color
Hex	455858
RGB	69, 88, 88
RGB Percent	27%, 35%, 35%
CMY	0.7294, 0.6549, 0.6549
CMYK	0.22, 0.00, 0.00, 0.65
HSL	180°, 12%, 31%
HSV	180°, 22%, 35%
XYZ	7.7054, 8.9492, 10.5538
YIQ	82.3190, -11.3240, -4.0280

# Conversions

## Conversions Part 2

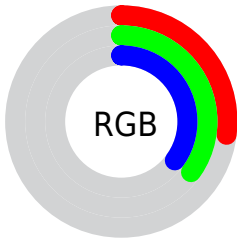
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 79, 88
Decimal	4544600
CIELab	35.89, -7.25, -2.41
CIELCh	36, 7.640, 198.404
Yxy	8.9492, 0.2832, 0.3289
Android (android.graphics.Color)	4282734680 (0xFF455858)
YUV	82.3190, 2.8007, -11.6808
Hunter-Lab	29.9153, -6.3746, 0.0238

# Details

The Hex color **455858** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **584545**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **768A8A**, and **192B2B** is the 20% darker color. If you saturate the color by 10%, you get **3C5858**, and if you desaturate by 10%, it is **4E5858**.

# Distribution



Red (27%)

Green (35%)

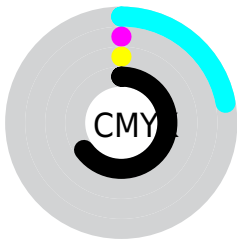
Blue (35%)



Red (27%)

Yellow (31%)

Blue (35%)

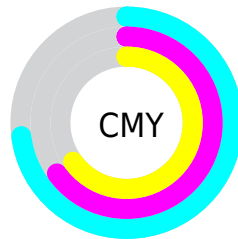


Cyan (22%)

Magenta (0%)

Yellow (0%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 455858 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 455858 by changing the saturation by 10% instead.





455858



455858

FFFFFF



2E4141



768A8A



192B2B



8FA4A4



001716



AABFBF



000000



C5DBDB



E1F8F7

FEFFFF



455858



455858



3C5858



4E5858

■ 335858

■ 575858

■ 2B5858

■ 5F5858

■ 225858

■ 685858

■ 195858

■ 715858

■ 105858

■ 7A5858

■ 075858

■ 835858

■ 005858

■ 8B5858

■ 945858

# Harmonies

## Analogous

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



485852



455858



46575D

# Triad

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



455858



5A525D



5C5349

# Complementary

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



455858



584545

# 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.



60514B



455858



5F5057

# Square

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



455858



535460



625051



555549

# Rectangle

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



455858



495660



625051



5E5349



# Sweetspot

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



455858



6C7373



455845



373B3B



BABABA



3B3B3B



# Same Dimension

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



455858



557373



454F58



272B2B



006B6B



00EBEB



# Inverse Universe

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



584558



735573



584F45



2B272B



6B006B



EB00EB



# Previews

## White Background



This preview shows how the Hex color 455858 looks on a white background.

## Color Contrast Check

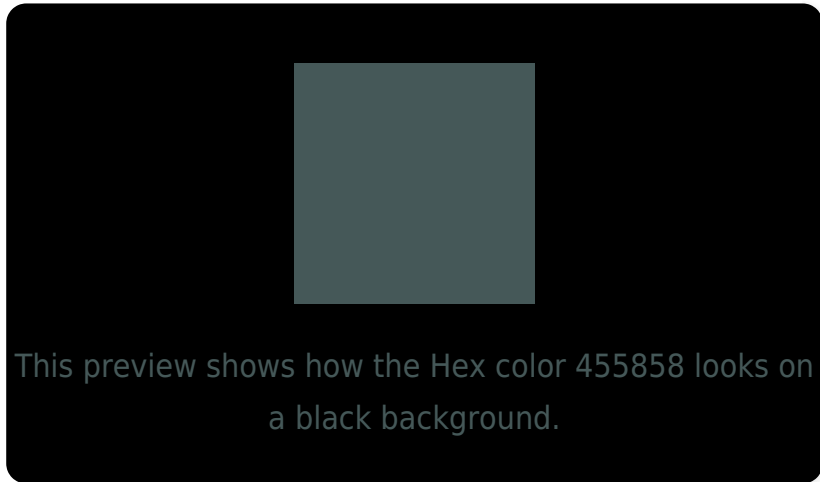
Large Text (above 18pt) WCAG AA ✓ Pass

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

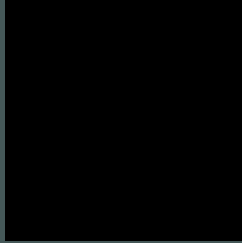
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

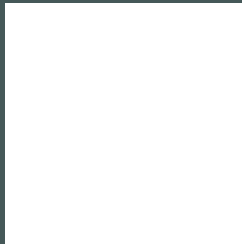
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 455858 Background



This preview shows how black text looks on a background with the Hex color 455858.



This preview shows how white text looks on a background with the Hex color 455858.

# 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**  
455858

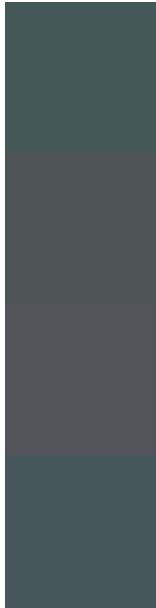
**Protanopia**  
555456

**Deuteranopia**  
5A5259



**Tritanopia**  
46575E

# Trichromacy



**Original Color**  
455858

**Protanomaly**  
4F5557

**Deuteranomaly**  
525459

**Tritanomaly**  
46575C

# Monochromacy



**Original Color**  
455858

**Achromatopsia**  
525252

**Achromatomaly**  
4D5454

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 455858 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 #455858 looks like.

```
.text, #text, p{  
    color:#455858  
}
```

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 #455858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455858
}
```

## Border

The CSS property to change the border of an element to Hex 455858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

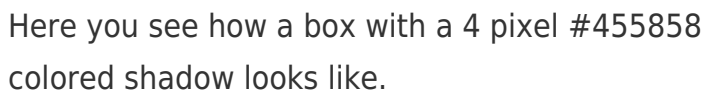
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#455858 }
```

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

```
.border{ border-color:#455858 }
```

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

A rectangular box with a 4-pixel dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color (#455858) and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #455858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455858; -webkit-box-shadow:4px 4px  
4px 4px #455858; box-shadow:4px 4px 4px  
4px #455858 }
```

# Background

The CSS property to change the background color of an element to Hex 455858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455858 }
```

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

```
.background{ background-color:#455858 }
```

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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