

# Converting Colors

Hex(3B5454)

Have a look what the booklet for  
Hex(3B5454) contains.

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# Color

**Hex(3B5454)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B5454
RGB	59, 84, 84
RGB Percent	23%, 33%, 33%
CMY	0.7686, 0.6706, 0.6706
CMYK	0.30, 0.00, 0.00, 0.67
HSL	180°, 17%, 28%
HSV	180°, 30%, 33%
XYZ	6.5742, 7.9105, 9.5679
YIQ	76.5250, -14.9000, -5.3000

# Conversions

## Conversions Part 2

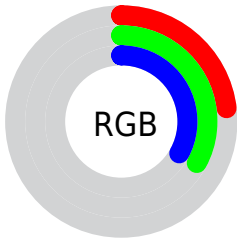
Format	Color
<b>RYB</b>	59, 72, 84
Decimal	3888212
CIELab	33.80, -9.39, -3.06
CIELCh	34, 9.879, 198.052
Yxy	7.9105, 0.2733, 0.3289
Android (android.graphics.Color)	4282078292 (0xFF3B5454)
YUV	76.5250, 3.6852, -15.3694
Hunter-Lab	28.1257, -7.4968, -0.4815

# Details

The Hex color **3B5454** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **543B3B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6B8685**, and **0E2727** is the 20% darker color. If you saturate the color by 10%, you get **335454**, and if you desaturate by 10%, it is **435454**.

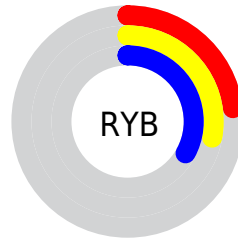
# Distribution



Red (23%)

Green (33%)

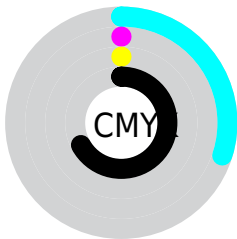
Blue (33%)



Red (23%)

Yellow (28%)

Blue (33%)

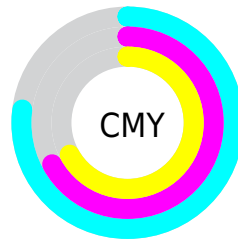


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (67%)



Cyan (77%)

Magenta (67%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B5454 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 3B5454 by changing the saturation by 10% instead.





3B5454



3B5454

FFFFFF



243D3D



6B8685



0E2727



85A0A0



001313



9FB BBB



000000



BAD6D6



D6F3F3



F3FFFF



3B5454



3B5454



335454



435454

■ 2A5454

■ 4C5454

■ 225454

■ 545454

■ 195454

■ 5D5454

■ 115454

■ 655454

■ 095454

■ 6D5454

■ 005454

■ 765454

■ 7E5454

■ 875454

# Harmonies

## Analogous

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



40544C



3B5454



3C535B

# Triad

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



3B5454



574C5A



594E40

# Complementary

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



3B5454



543B3B

# 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.



5E4C44



3B5454



5D4A53

# Square

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



3B5454



4D4F5E



604A4B



515041

# Rectangle

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



3B5454



40525E



604A4B



5B4D41



# Sweetspot

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



3B5454



646E6E



3B543B



323838



B8B8B8



383838



# Same Dimension

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



3B5454



466E6E



3B4854



252929



006969



00E8E8



# Inverse Universe

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



543B54



6E466E



54483B



292529



690069



E800E8



# Previews

## White Background



This preview shows how the Hex color 3B5454 looks on a white background.

## Color Contrast Check

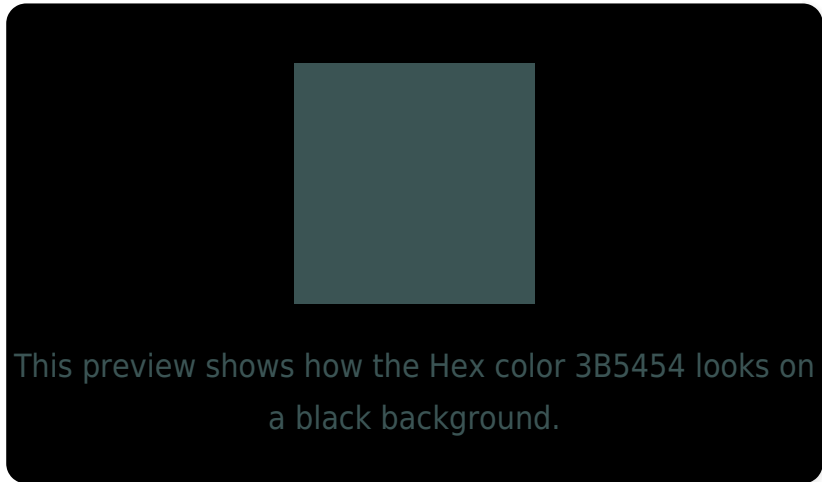
Large Text (above 18pt) WCAG AA ✓ Pass

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

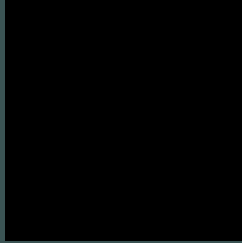
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

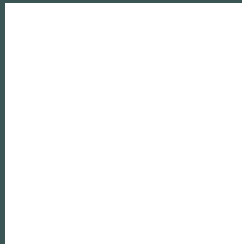
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3B5454 Background



This preview shows how black text looks on a background with the Hex color 3B5454.



This preview shows how white text looks on a background with the Hex color 3B5454.

# 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](#).

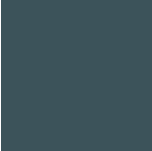
## Dichromacy



**Original Color**  
3B5454

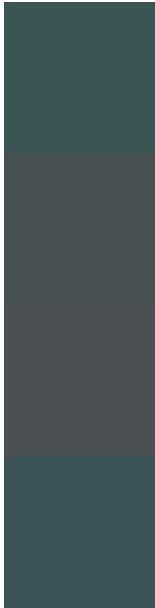
**Protanopia**  
504F51

**Deuteranopia**  
544D55



**Tritanopia**  
3C535A

# Trichromacy



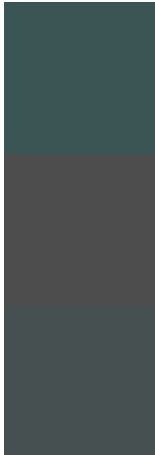
**Original Color**  
3B5454

**Protanomaly**  
485152

**Deuteranomaly**  
4B5055

**Tritanomaly**  
3C5358

# Monochromacy



**Original Color**  
3B5454

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
465050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B5454 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 #3B5454 looks like.

```
.text, #text, p{  
    color:#3B5454  
}
```

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 #3B5454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5454
}
```

## Border

The CSS property to change the border of an element to Hex 3B5454 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
#3B5454 }
```

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

```
.border{ border-color:#3B5454 }
```

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

Here you see how a box with a 4 pixel #3B5454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5454; -webkit-box-shadow:4px 4px  
4px 4px #3B5454; box-shadow:4px 4px 4px  
4px #3B5454 }
```

# Background

The CSS property to change the background color of an element to Hex 3B5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5454 }
```

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

```
.background{ background-color:#3B5454 }
```

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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