

Converting Colors

Hex(3B5154)

Have a look what the booklet for
Hex(3B5154) contains.

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Color

Hex(3B5154)

Conversions

Conversions Part 1

Format	Color
Hex	3B5154
RGB	59, 81, 84
RGB Percent	23%, 32%, 33%
CMY	0.7686, 0.6824, 0.6706
CMYK	0.30, 0.04, 0.00, 0.67
HSL	187°, 17%, 28%
HSV	187°, 30%, 33%
XYZ	6.3463, 7.4548, 9.4919
YIQ	74.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

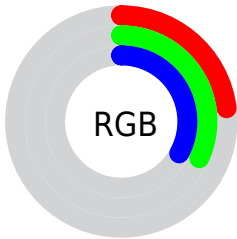
Format	Color
RYB	59, 71, 84
Decimal	3887444
CIELab	32.82, -7.59, -4.51
CIElCh	33, 8.826, 210.708
Yxy	7.4548, 0.2725, 0.3200
Android (android.graphics.Color)	4282077524 (0xFF3B5154)
YUV	74.7640, 4.5533, -13.8250
Hunter-Lab	27.3034, -6.2911, -1.4996

Details

The Hex color **3B5154** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **543E3B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6B8285**, and **0F2427** is the 20% darker color. If you saturate the color by 10%, you get **335054**, and if you desaturate by 10%, it is **435254**.

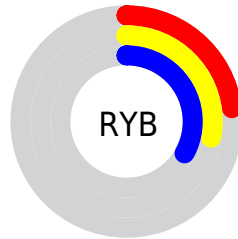
Distribution



Red (23%)

Green (32%)

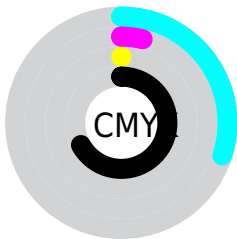
Blue (33%)



Red (23%)

Yellow (28%)

Blue (33%)

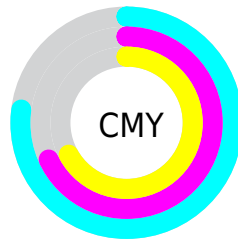


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (67%)



Cyan (77%)

Magenta (68%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5154 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 3B5154 by changing the saturation by 10% instead.

■ 3B5154

■ 3B5154

FFFFFF

■ 253A3D

■ 6B8285

■ 0F2427

■ 859CA0

■ 001013

■ 9FB7BB

■ 000000

■ BAD3D6

■ D6EFF3

■ F2FFFF

■ 3B5154

■ 3B5154

■ 335054

■ 435254

■ 2A4F54

■ 4C5354

■ 224E54

■ 545454

■ 194D54

■ 5D5554

■ 114C54

■ 655654

■ 094B54

■ 6D5754

■ 004A54

■ 765854

■ 7E5954

■ 875A54

Harmonies

Analogous

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



3D514D



3B5154



3E5059

Triad

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



3B5154



564954



534D3F

Complementary

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



3B5154



543E3B

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.



594A41



3B5154



5B484D

Square

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



3B5154



4F4B59



5C4946



4B4F41

Rectangle

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



3B5154



434E5B



5C4946



554C40

Sweetspot

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



3B5154



646C6E



3B543E



323738



B8B8B8



383838

Same Dimension

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



3B5154



46696E



3B4554



252829



005C69



00CCE8

Inverse Universe

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



543B51



6E4669



544A3B



292528



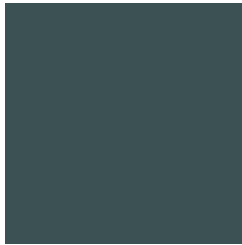
69005C



E800CC

Previews

White Background



This preview shows how the Hex color 3B5154 looks on a white background.

Color Contrast Check

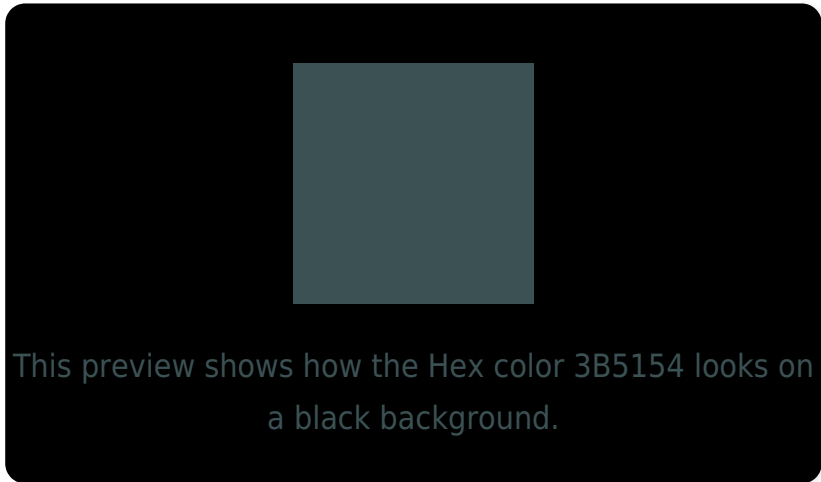
Large Text (above 18pt) WCAG AA ✓ Pass

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

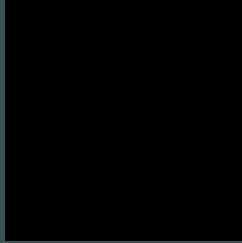
Any Text WCAG AA × Fail

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 3B5154 Background



This preview shows how black text looks on a background with the Hex color 3B5154.



This preview shows how white text looks on a background with the Hex color 3B5154.

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

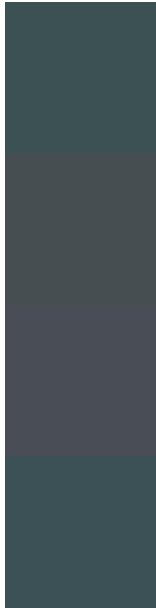


Original Color
3B5154

Protanopia
4D4D51

Deuteranopia
514B55

Trichromacy



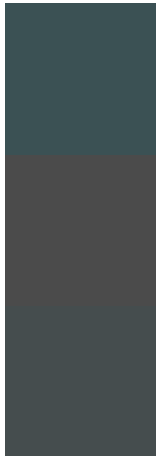
Original Color
3B5154

Protanomaly
464E52

Deuteranomaly
494D55

Tritanomaly
3C5156

Monochromacy



Original Color
3B5154

Achromatopsia
4B4B4B

Achromatomaly
454D4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5154 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 #3B5154 looks like.

```
.text, #text, p{  
    color:#3B5154  
}
```

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 #3B5154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5154
}
```

Border

The CSS property to change the border of an element to Hex 3B5154 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
#3B5154 }
```

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

```
.border{ border-color:#3B5154 }
```

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

Here you see how a box with a 4 pixel #3B5154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5154; -webkit-box-shadow:4px 4px  
4px 4px #3B5154; box-shadow:4px 4px 4px  
4px #3B5154 }
```

Background

The CSS property to change the background color of an element to Hex 3B5154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5154 }
```

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

```
.background{ background-color:#3B5154 }
```

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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