

# Converting Colors

Hex(3C6155)

Have a look what the booklet for  
Hex(3C6155) contains.

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# Color

Hex(3C6155)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C6155
RGB	60, 97, 85
RGB Percent	24%, 38%, 33%
CMY	0.7647, 0.6196, 0.6667
CMYK	0.38, 0.00, 0.12, 0.62
HSL	161°, 24%, 31%
HSV	161°, 38%, 38%
XYZ	7.7779, 10.1659, 10.1466
YIQ	84.5690, -18.2000, -11.5760

# Conversions

## Conversions Part 2

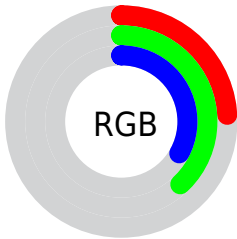
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 82, 97
Decimal	3957077
CIELab	38.14, -16.28, 2.67
CIElCh	38, 16.498, 170.693
Yxy	10.1659, 0.2769, 0.3619
Android (android.graphics.Color)	4282147157 (0xFF3C6155)
YUV	84.5690, 0.2125, -21.5470
Hunter-Lab	31.8840, -12.2534, 3.4507

# Details

The Hex color **3C6155** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **613C48**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6D9487**, and **0D3228** is the 20% darker color. If you saturate the color by 10%, you get **326152**, and if you desaturate by 10%, it is **466158**.

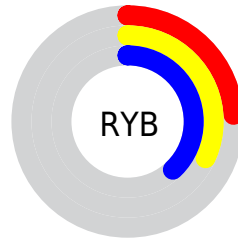
# Distribution



 Red (24%)

 Green (38%)

 Blue (33%)




 Red (24%)

 Yellow (32%)

 Blue (38%)

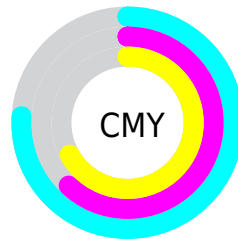


 Cyan (38%)

 Magenta (0%)

 Yellow (12%)

 Black (62%)



 Cyan (76%)

 Magenta (62%)

 Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C6155 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 3C6155 by changing the saturation by 10% instead.





3C6155



3C6155

FFFFFF



25493E



6D9487



0D3228



87AEA1



001E14



A1CABC



000000



BDE6D7



D9FFF4



F5FFFF



3C6155



3C6155



326152



466158

■ 29614F

■ 4F615B

■ 1F614C

■ 59615E

■ 156148

■ 636162

■ 0C6145

■ 6D6165

■ 026142

■ 766168

■ 006142

■ 80616B

■ 8A616E

■ 936171

# Harmonies

## Analogous

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



4B5F49



3C6155



336163

# Triad

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



3C6155



565873



715346

# Complementary

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



3C6155



613C48

# 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.



755051



3C6155



67536B

# Square

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



3C6155



435C74



72505E



675740

# Rectangle

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



3C6155



33606B



72505E



735249



# Sweetspot

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



3C6155



6F7D78



48613C



37403D



BFBFBF



404040



# Same Dimension

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



3C6155



437D6A



3C5B61



2C302F



00704C



00F0A2



# Inverse Universe

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



613C48



7D4356



61423C



302C2D



700024



F0004E



# Previews

## White Background



This preview shows how the Hex color 3C6155 looks on a white background.

## Color Contrast Check

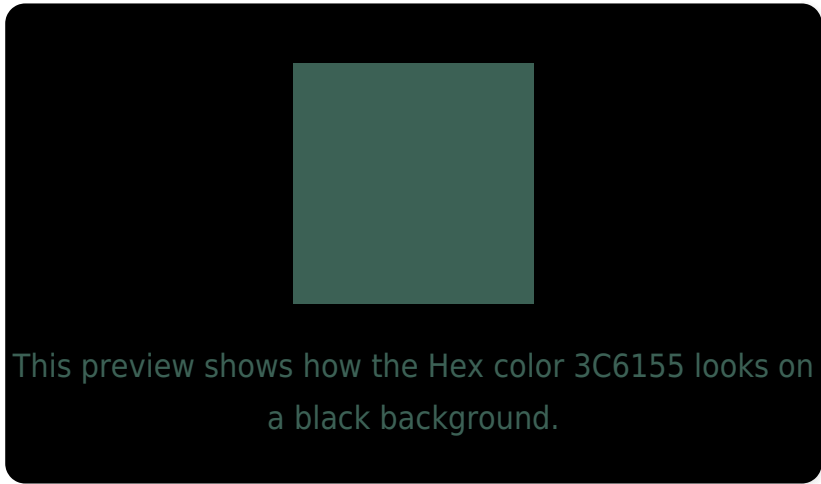
Large Text (above 18pt) WCAG AA ✓ Pass

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

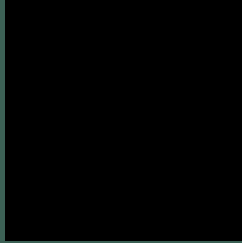
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C6155 Background



This preview shows how black text looks on a background with the Hex color 3C6155.



This preview shows how white text looks on a background with the Hex color 3C6155.

# 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**  
3C6155

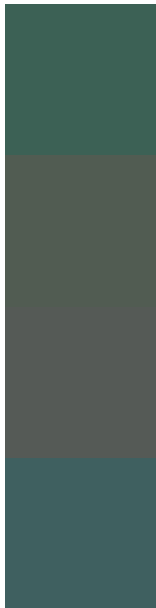
**Protanopia**  
5D5951

**Deuteranopia**  
635657



**Tritanopia**  
405F66

# Trichromacy



**Original Color**  
3C6155

**Protanomaly**  
515C52

**Deuteranomaly**  
555A56

**Tritanomaly**  
3F6060

# Monochromacy



**Original Color**  
3C6155

**Achromatopsia**  
555555

**Achromatomaly**  
4C5955

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C6155 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 #3C6155 looks like.

```
.text, #text, p{  
    color:#3C6155  
}
```

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 #3C6155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6155
}
```

## Border

The CSS property to change the border of an element to Hex 3C6155 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
#3C6155 }
```

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

```
.border{ border-color:#3C6155 }
```

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

Here you see how a box with a 4 pixel #3C6155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6155; -webkit-box-shadow:4px 4px  
4px 4px #3C6155; box-shadow:4px 4px 4px  
4px #3C6155 }
```

# Background

The CSS property to change the background color of an element to Hex 3C6155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6155 }
```

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

```
.background{ background-color:#3C6155 }
```

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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