

Converting Colors

Hex(3A6161)

Have a look what the booklet for
Hex(3A6161) contains.

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Color

Hex(3A6161)

Conversions

Conversions Part 1

Format	Color
Hex	3A6161
RGB	58, 97, 97
RGB Percent	23%, 38%, 38%
CMY	0.7725, 0.6196, 0.6196
CMYK	0.40, 0.00, 0.00, 0.62
HSL	180°, 25%, 30%
HSV	180°, 40%, 38%
XYZ	8.1773, 10.3120, 12.8687
YIQ	85.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

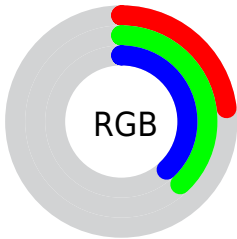
Format	Color
RYB	58, 78, 97
Decimal	3826017
CIELab	38.40, -13.74, -4.36
CIElCh	38, 14.415, 197.615
Yxy	10.3120, 0.2608, 0.3288
Android (android.graphics.Color)	4282016097 (0xFF3A6161)
YUV	85.3390, 5.7489, -23.9763
Hunter-Lab	32.1123, -10.7421, -1.2813

Details

The Hex color **3A6161** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **613A3A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6C9494**, and **083233** is the 20% darker color. If you saturate the color by 10%, you get **306161**, and if you desaturate by 10%, it is **446161**.

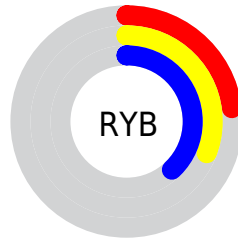
Distribution



 Red (23%)

 Green (38%)

 Blue (38%)




 Red (23%)

 Yellow (31%)

 Blue (38%)

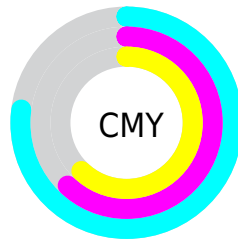



 Cyan (40%)

 Magenta (0%)

 Yellow (0%)

 Black (62%)



 Cyan (77%)

 Magenta (62%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A6161 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 3A6161 by changing the saturation by 10% instead.



3A6161



3A6161

FFFFFF



224949



6C9494



083233



85AEAE



001E1E



A0CAC9



000004



BCE6E6



000000



D8FFFF



F4FFFF



3A6161



3A6161



306161



446161

■ 276161

■ 4D6161

■ 1D6161

■ 576161

■ 136161

■ 616161

■ 096161

■ 6B6161

■ 006161

■ 746161

■ 7E6161

■ 886161

■ 916161

Harmonies

Analogous

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



426155



3A6161



3B606B

Triad

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



3A6161



65556A



685844

Complementary

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



3A6161



613A3A

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.



70544A



3A6161



6F5360

Square

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



3A6161



565971



725254



5C5C44

Rectangle

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



3A6161



425E70



725254



6B5745

Sweetspot

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



3A6161



6E7D7D



3A613A



374040



BFBFBF



404040

Same Dimension

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



3A6161



417D7D



3A4E61



2C3030



007070



00F0F0

Inverse Universe

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



613A61



7D417D



614E3A



302C30



700070



F000F0

Previews

White Background



This preview shows how the Hex color 3A6161 looks on a white background.

Color Contrast Check

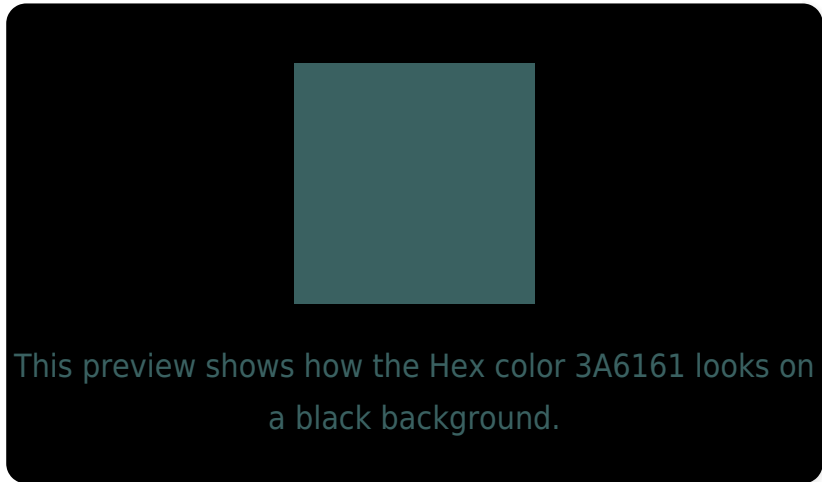
Large Text (above 18pt) WCAG AA ✓ Pass

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

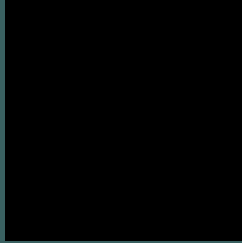
Any Text WCAG AA × Fail

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 3A6161 Background



This preview shows how black text looks on a background with the Hex color 3A6161.



This preview shows how white text looks on a background with the Hex color 3A6161.

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
3A6161

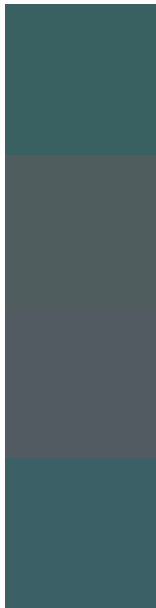
Protanopia
5B5A5D

Deuteranopia
5F5863



Tritanopia
3C6068

Trichromacy



Original Color
3A6161

Protanomaly
4F5D5E

Deuteranomaly
525B62

Tritanomaly
3B6065

Monochromacy



Original Color
3A6161

Achromatopsia
555555

Achromatomaly
4B5959

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6161 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 #3A6161 looks like.

```
.text, #text, p{  
    color:#3A6161  
}
```

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 #3A6161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6161
}
```

Border

The CSS property to change the border of an element to Hex 3A6161 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
#3A6161 }
```

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

```
.border{ border-color:#3A6161 }
```

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

Here you see how a box with a 4 pixel #3A6161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6161; -webkit-box-shadow:4px 4px  
4px 4px #3A6161; box-shadow:4px 4px 4px  
4px #3A6161 }
```

Background

The CSS property to change the background color of an element to Hex 3A6161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6161 }
```

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

```
.background{ background-color:#3A6161 }
```

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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