

Converting Colors

Hex(3D6665)

Have a look what the booklet for
Hex(3D6665) contains.

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Color

Hex(3D6665)

Conversions

Conversions Part 1

Format	Color
Hex	3D6665
RGB	61, 102, 101
RGB Percent	24%, 40%, 40%
CMY	0.7608, 0.6000, 0.6039
CMYK	0.40, 0.00, 0.01, 0.60
HSL	179°, 25%, 32%
HSV	179°, 40%, 40%
XYZ	9.0248, 11.4344, 14.0433
YIQ	89.6270, -24.1150, -9.0030

Conversions

Conversions Part 2

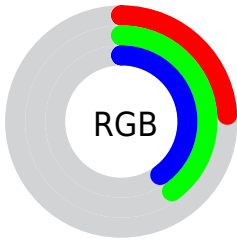
Format	Color
R_{YB}	61, 82, 102
Decimal	4023909
CIE _{Lab}	40.30, -14.58, -3.98
CIE _{LCh}	40, 15.111, 195.254
Yxy	11.4344, 0.2616, 0.3314
Android (android.graphics.Color)	4282213989 (0xFF3D6665)
YUV	89.6270, 5.6069, -25.1059
Hunter-Lab	33.8148, -11.5363, -0.9528




Details

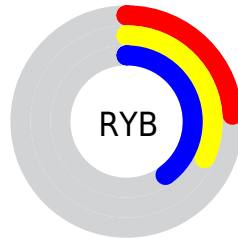
The Hex color **3D6665** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **663D3E**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **6F9998**, and **0B3736** is the 20% darker color. If you saturate the color by 10%, you get **336665**, and if you desaturate by 10%, it is **476665**.

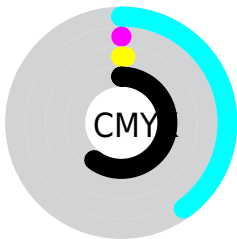
Distribution







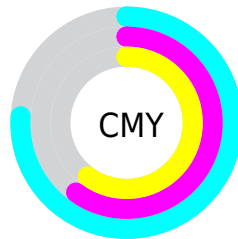
-  Red (24%)
-  Green (40%)
-  Blue (40%)






-  Red (24%)
-  Yellow (32%)
-  Blue (40%)



-  Cyan (40%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (60%)



-  Cyan (76%)
-  Magenta (60%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6665 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 3D6665 by changing the saturation by 10% instead.

 3D6665

 3D6665

FFFFFF

 254E4D

 6F9998

 0B3736

 89B4B3

 002121

 A4D0CE

 00030B

 BFECEA

 000000

 DBFFFF

 F8FFFF

 3D6665

 3D6665

 336665

 476665

■ 296665

■ 516665

■ 1E6664

■ 5C6666

■ 146664

■ 666666

■ 0A6664

■ 706666

■ 006664

■ 7A6666

■ 846667

■ 8F6667

■ 996667

Harmonies

Analogous

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



466658



3D6665



3D6570

Triad

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



3D6665



695A70



6E5C47

Complementary

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



3D6665



663D3E

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.



76584E



3D6665



745766

Square

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



3D6665



595E77



785659



626047

Rectangle

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



3D6665



446375



785659



715B49

Sweetspot

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



3D6665



758584



3E663D



394242



C2C2C2



424242

Same Dimension

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



3D6665



458583



3D5366



2E3333



007370



00F2EC

Inverse Universe

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



663D3E



854547



66503D



332E2E



730003



F20006

Previews

White Background



This preview shows how the Hex color 3D6665 looks on a white background.

Color Contrast Check

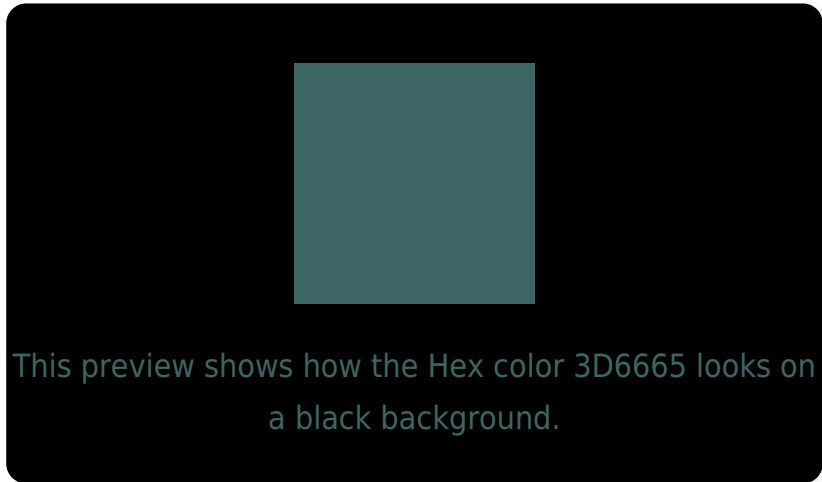
Large Text (above 18pt) WCAG AA ✓ Pass

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

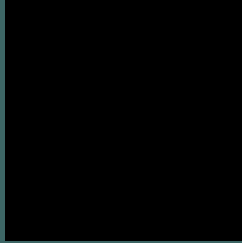
Any Text WCAG AA × Fail

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 3D6665 Background



This preview shows how black text looks on a background with the Hex color 3D6665.



This preview shows how white text looks on a background with the Hex color 3D6665.

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
3D6665

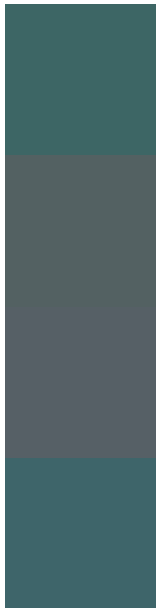
Protanopia
605E60

Deuteranopia
645C67



Tritanopia
3F656D

Trichromacy



Original Color
3D6665

Protanomaly
536162

Deuteranomaly
566066

Tritanomaly
3E656A

Monochromacy



Original Color
3D6665

Achromatopsia
5A5A5A

Achromatomaly
4F5E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6665 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 #3D6665 looks like.

```
.text, #text, p{  
    color:#3D6665  
}
```

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 #3D6665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6665
}
```

Border

The CSS property to change the border of an element to Hex 3D6665 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
#3D6665 }
```

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

```
.border{ border-color:#3D6665 }
```

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

Here you see how a box with a 4 pixel #3D6665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6665; -webkit-box-shadow:4px 4px  
4px 4px #3D6665; box-shadow:4px 4px 4px  
4px #3D6665 }
```

Background

The CSS property to change the background color of an element to Hex 3D6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6665 }
```

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

```
.background{ background-color:#3D6665 }
```

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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