

Converting Colors

Hex(3D7965)

Have a look what the booklet for
Hex(3D7965) contains.

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Color

Hex(3D7965)

Conversions

Conversions Part 1

Format	Color
Hex	3D7965
RGB	61, 121, 101
RGB Percent	24%, 47%, 40%
CMY	0.7608, 0.5255, 0.6039
CMYK	0.50, 0.00, 0.17, 0.53
HSL	160°, 33%, 36%
HSV	160°, 50%, 47%
XYZ	11.1108, 15.6064, 14.7387
YIQ	100.7800, -29.3400, -18.9400

Conversions

Conversions Part 2

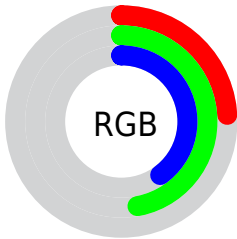
Format	Color
RYB	61, 97, 121
Decimal	4028773
CIELab	46.45, -24.72, 4.99
CIELCh	46, 25.218, 168.590
Yxy	15.6064, 0.2680, 0.3765
Android (android.graphics.Color)	4282218853 (0xFF3D7965)
YUV	100.7800, 0.1085, -34.8871
Hunter-Lab	39.5050, -18.9304, 5.5334

Details

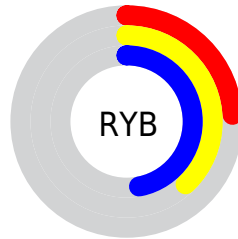
The Hex color **3D7965** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **793D51**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **71AE98**, and **034836** is the 20% darker color. If you saturate the color by 10%, you get **317961**, and if you desaturate by 10%, it is **497969**.

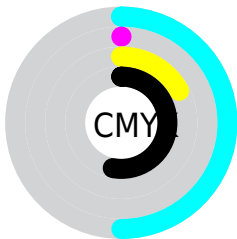
Distribution



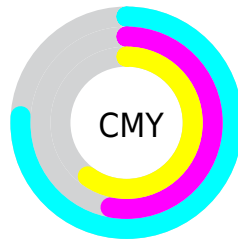
- Red (24%)
- Green (47%)
- Blue (40%)



- Red (24%)
- Yellow (38%)
- Blue (47%)



- Cyan (50%)
- Magenta (0%)
- Yellow (17%)
- Black (53%)



- Cyan (76%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7965 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 3D7965 by changing the saturation by 10% instead.

 3D7965

 3D7965

FFFFFF

 23604D

 71AE98

 034836

 8BC9B3

 003121

 A6E5CE

 001E0A

 C2FFEA


 000000

 DFFFFF

 FCFFFF

 3D7965

 3D7965

 317961

 497969

■ 25795D

■ 55796D

■ 197959

■ 617971

■ 0D7955

■ 6D7975

■ 017951

■ 7A7979

■ 007951

■ 86797D

■ 927981

■ 9E7985

■ AA7989

Harmonies

Analogous

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



577651



3D7965



25797B

Triad

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



3D7965



656C96



92634F

Complementary

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



3D7965



793D51

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.



985E62



3D7965



81648A

Square

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



3D7965



447397



925F77



846A45

Rectangle

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



3D7965



217888



925F77



956155

Sweetspot

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



3D7965



869E96



51793D



414F4A



CFCFCF



4F4F4F

Same Dimension

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



3D7965



3F9E7E



3D6F79



373D3B



007D53



00FCA8

Inverse Universe

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



793D51



9E3F5F



79473D



3D3739



7D002A



FC0054

Previews

White Background



This preview shows how the Hex color 3D7965 looks on a white background.

Color Contrast Check

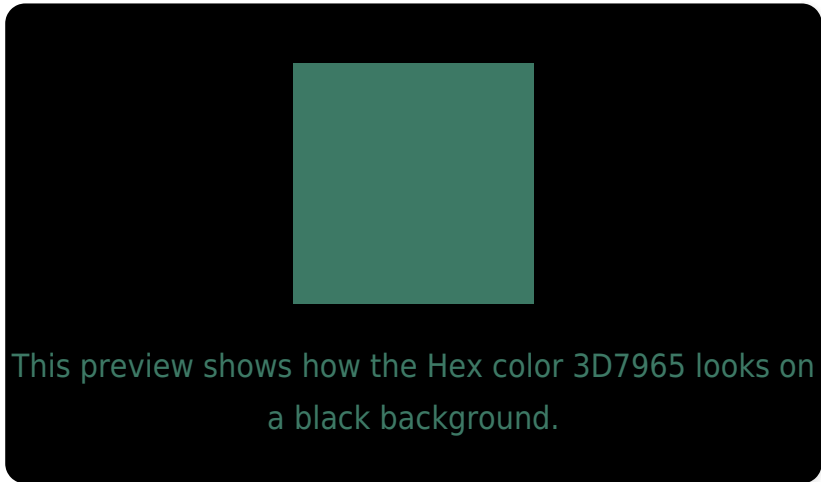
Large Text (above 18pt) WCAG AA ✓ Pass

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

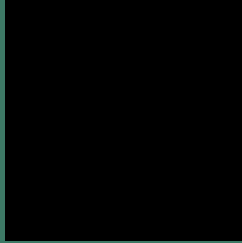
Any Text WCAG AA × Fail

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 3D7965 Background



This preview shows how black text looks on a background with the Hex color 3D7965.



This preview shows how white text looks on a background with the Hex color 3D7965.

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
3D7965

Protanopia
736D5F

Deuteranopia
7A6A68



Tritanopia
44757F

Trichromacy



Original Color
3D7965

Protanomaly
5F7161

Deuteranomaly
646F67

Tritanomaly
417676

Monochromacy



Original Color
3D7965

Achromatopsia
656565

Achromatomaly
566C65

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7965 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 #3D7965 looks like.

```
.text, #text, p{  
    color:#3D7965  
}
```

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 #3D7965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7965
}
```

Border

The CSS property to change the border of an element to Hex 3D7965 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
#3D7965 }
```

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

```
.border{ border-color:#3D7965 }
```

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

Here you see how a box with a 4 pixel #3D7965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7965; -webkit-box-shadow:4px 4px  
4px 4px #3D7965; box-shadow:4px 4px 4px  
4px #3D7965 }
```

Background

The CSS property to change the background color of an element to Hex 3D7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7965 }
```

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

```
.background{ background-color:#3D7965 }
```

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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