

Converting Colors

Hex(3D4765)

Have a look what the booklet for
Hex(3D4765) contains.

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Color

Hex(3D4765)

Conversions

Conversions Part 1

Format	Color
Hex	3D4765
RGB	61, 71, 101
RGB Percent	24%, 28%, 40%
CMY	0.7608, 0.7216, 0.6039
CMYK	0.40, 0.30, 0.00, 0.60
HSL	225°, 25%, 32%
HSV	225°, 40%, 40%
XYZ	6.5267, 6.4382, 13.2106
YIQ	71.4300, -15.5900, 7.2100

Conversions

Conversions Part 2

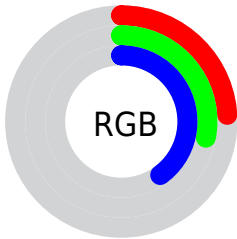
Format	Color
RYB	61, 69, 101
Decimal	4015973
CIELab	30.49, 4.35, -18.85
CIELCh	30, 19.348, 282.999
Yxy	6.4382, 0.2493, 0.2460
Android (android.graphics.Color)	4282206053 (0xFF3D4765)
YUV	71.4300, 14.5780, -9.1471
Hunter-Lab	25.3735, 1.5107, -13.1076




Details

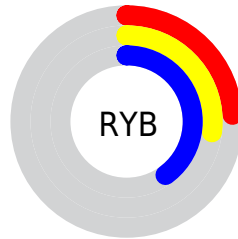
The Hex color **3D4765** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **655B3D**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **6E7798**, and **0E1C36** is the 20% darker color. If you saturate the color by 10%, you get **333F65**, and if you desaturate by 10%, it is **474F65**.

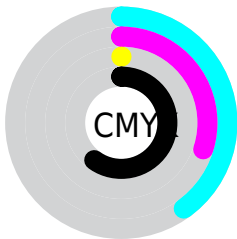
Distribution







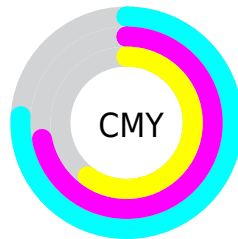
-  Red (24%)
-  Green (28%)
-  Blue (40%)






-  Red (24%)
-  Yellow (27%)
-  Blue (40%)



-  Cyan (40%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (76%)
-  Magenta (72%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4765 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 3D4765 by changing the saturation by 10% instead.

■ 3D4765

■ 3D4765

FFFFFF

■ 26314D

■ 6E7798

■ 0E1C36

■ 8891B3

■ 000021

■ A2ABCE

■ 000006

■ BEC7EB

■ 000000

■ DAE3FF

■ F6FFFF

■ 3D4765

■ 3D4765

■ 333F65

■ 474F65

■ 293865

■ 515665

■ 1F3065

■ 5B5E65

■ 152965

■ 656565

■ 0B2165

■ 706D65

■ 001A65

■ 7A7465

■ 001965

■ 847C65

■ 8E8465

■ 988B65

Harmonies

Analogous

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



244C64



3D4765



52425E

Triad

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



3D4765



633F34



284F3E

Complementary

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



3D4765



655B3D

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.



3B4D31



3D4765



59442B

Square

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



3D4765



653C42



4B492A



15504E

Rectangle

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



3D4765



5C3E56



4B492A



2E4F3A

Sweetspot

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



3D4765



727682



3D655B



393B42



C2C2C2



424242

Same Dimension

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



3D4765



445382



473D65



2E2F33



001D73



003DF2

Inverse Universe

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



653D47



824453



5B653D



332E2F



73001D



F2003D

Previews

White Background



This preview shows how the Hex color 3D4765 looks on a white background.

Color Contrast Check

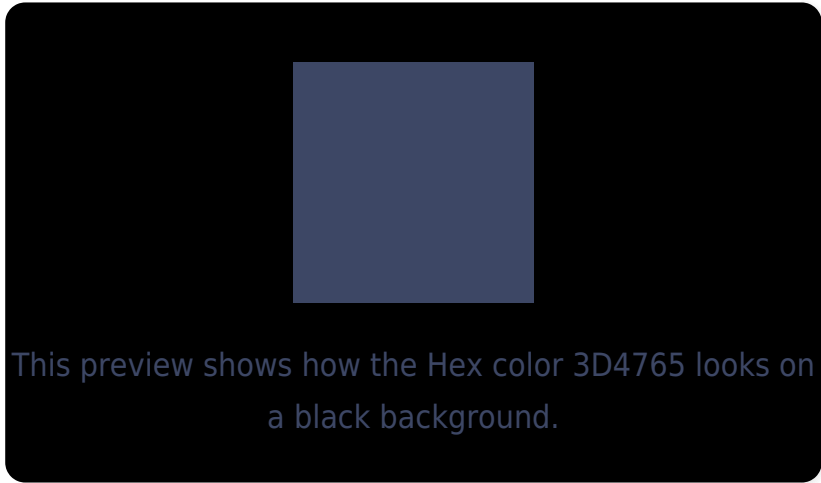
Large Text (above 18pt) WCAG AA ✓ Pass

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

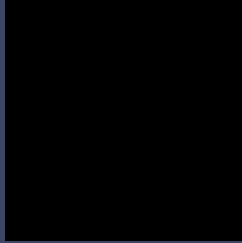
Any Text WCAG AA × Fail

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 3D4765 Background



This preview shows how black text looks on a background with the Hex color 3D4765.

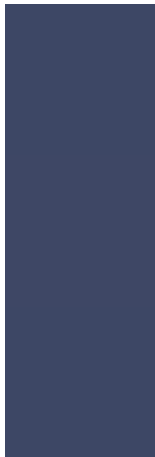


This preview shows how white text looks on a background with the Hex color 3D4765.

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
3D4765

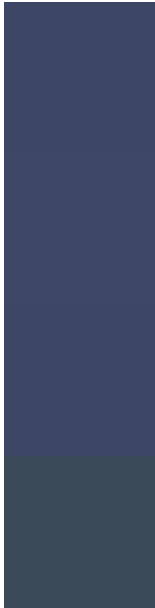
Protanopia
3E4765

Deuteranopia
3D4765



Tritanopia
384B51

Trichromacy



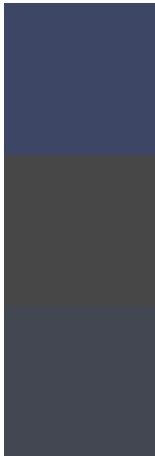
Original Color
3D4765

Protanomaly
3E4765

Deuteranomaly
3D4765

Tritanomaly
3A4A58

Monochromacy



Original Color
3D4765

Achromatopsia
474747

Achromatomaly
434752

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4765 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 #3D4765 looks like.

```
.text, #text, p{  
    color:#3D4765  
}
```

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 #3D4765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4765
}
```

Border

The CSS property to change the border of an element to Hex 3D4765 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
#3D4765 }
```

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

```
.border{ border-color:#3D4765 }
```

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

Here you see how a box with a 4 pixel #3D4765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4765; -webkit-box-shadow:4px 4px  
4px 4px #3D4765; box-shadow:4px 4px 4px  
4px #3D4765 }
```

Background

The CSS property to change the background color of an element to Hex 3D4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4765 }
```

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

```
.background{ background-color:#3D4765 }
```

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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