

Converting Colors

Hex(3D6464)

Have a look what the booklet for
Hex(3D6464) contains.

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Color

Hex(3D6464)

Conversions

Conversions Part 1

Format	Color
Hex	3D6464
RGB	61, 100, 100
RGB Percent	24%, 39%, 39%
CMY	0.7608, 0.6078, 0.6078
CMYK	0.39, 0.00, 0.00, 0.61
HSL	180°, 24%, 32%
HSV	180°, 39%, 39%
XYZ	8.7819, 11.0265, 13.7221
YIQ	88.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

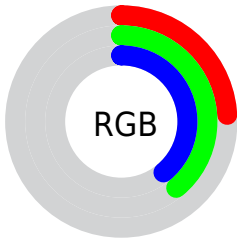
Format	Color
R_{YB}	61, 81, 100
Decimal	4023396
CIE _{Lab}	39.63, -13.72, -4.37
CIE _{LCh}	40, 14.401, 197.654
Yxy	11.0265, 0.2619, 0.3289
Android (android.graphics.Color)	4282213476 (0xFF3D6464)
YUV	88.3390, 5.7489, -23.9763
Hunter-Lab	33.2062, -10.9039, -1.2565

Details

The Hex color **3D6464** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **643D3D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6F9797**, and **0C3535** is the 20% darker color. If you saturate the color by 10%, you get **336464**, and if you desaturate by 10%, it is **476464**.

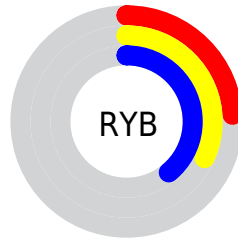
Distribution



Red (24%)

Green (39%)

Blue (39%)



Red (24%)

Yellow (32%)

Blue (39%)

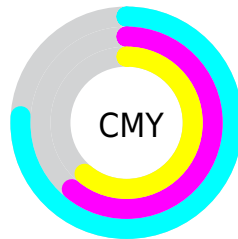


Cyan (39%)

Magenta (0%)

Yellow (0%)

Black (61%)



Cyan (76%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6464 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 3D6464 by changing the saturation by 10% instead.



3D6464



3D6464

FFFFFF



254C4C



6F9797



0C3535



89B2B1



002020



A3CDCD



000009



BFE9E9



000000



DBFFFF



F8FFFF



3D6464



3D6464



336464



476464

■ 296464

■ 516464

■ 1F6464

■ 5B6464

■ 156464

■ 656464

■ 0B6464

■ 6F6464

■ 016464

■ 796464

■ 006464

■ 836464

■ 8D6464

■ 976464

Harmonies

Analogous

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



456458



3D6464



3E636E

Triad

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



3D6464



68586D



6B5B47

Complementary

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



3D6464



643D3D

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.



73574D



3D6464



725563

Square

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



3D6464



595C74



765557



5F5F47

Rectangle

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



3D6464



456173



765557



6E5A48

Sweetspot

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



3D6464



728282



3D643D



394242



C2C2C2



424242

Same Dimension

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



3D6464



458282



3D5164



2E3333



007373



00F2F2

Inverse Universe

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



643D64



824582



64513D



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 3D6464 looks on a white background.

Color Contrast Check

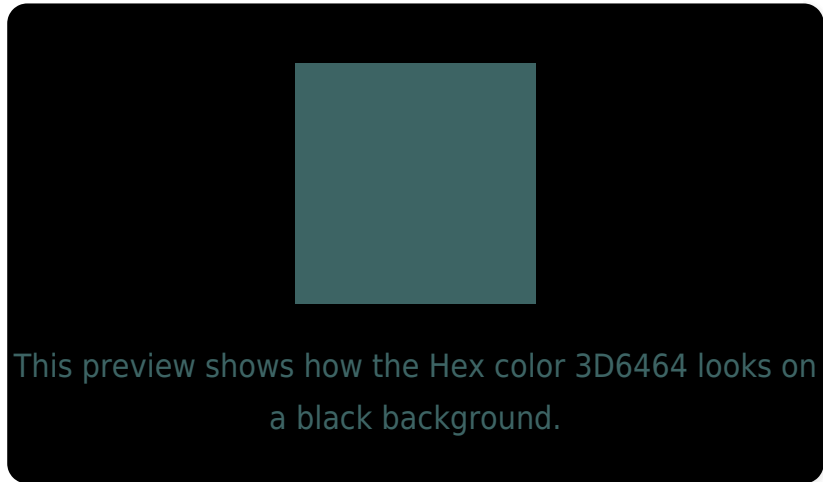
Large Text (above 18pt) WCAG AA ✓ Pass

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

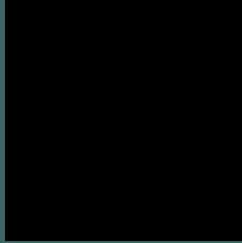
Any Text WCAG AA × Fail

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 3D6464 Background



This preview shows how black text looks on a background with the Hex color 3D6464.

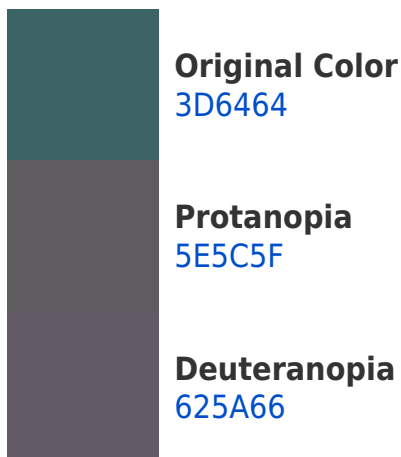



This preview shows how white text looks on a background with the Hex color 3D6464.

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](#).

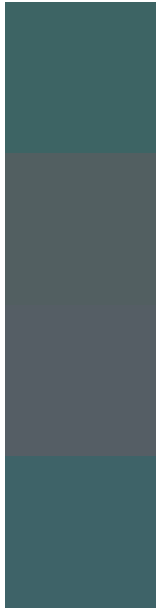
Dichromacy





Tritanopia
3F636B

Trichromacy



Original Color
3D6464

Protanomaly
525F61

Deuteranomaly
555E65

Tritanomaly
3E6368

Monochromacy



Original Color
3D6464

Achromatopsia
585858

Achromatomaly
4E5C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6464 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 #3D6464 looks like.

```
.text, #text, p{  
    color:#3D6464  
}
```

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 #3D6464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6464
}
```

Border

The CSS property to change the border of an element to Hex 3D6464 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
#3D6464 }
```

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

```
.border{ border-color:#3D6464 }
```

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

Here you see how a box with a 4 pixel #3D6464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6464; -webkit-box-shadow:4px 4px  
4px 4px #3D6464; box-shadow:4px 4px 4px  
4px #3D6464 }
```

Background

The CSS property to change the background color of an element to Hex 3D6464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6464 }
```

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

```
.background{ background-color:#3D6464 }
```

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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