

Converting Colors

Hex(3D6584)

Have a look what the booklet for
Hex(3D6584) contains.

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Color

Hex(3D6584)

Conversions

Conversions Part 1

Format	Color
Hex	3D6584
RGB	61, 101, 132
RGB Percent	24%, 40%, 52%
CMY	0.7608, 0.6039, 0.4824
CMYK	0.54, 0.23, 0.00, 0.48
HSL	206°, 37%, 38%
HSV	206°, 54%, 52%
XYZ	10.7430, 11.9654, 23.5731
YIQ	92.5740, -33.7910, 1.1610

Conversions

Conversions Part 2

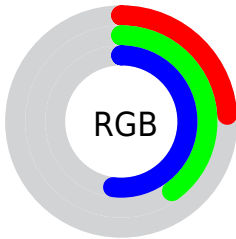
Format	Color
RYB	61, 87, 132
Decimal	4023684
CIELab	41.16, -4.63, -21.54
CIELCh	41, 22.032, 257.857
Yxy	11.9654, 0.2321, 0.2585
Android (android.graphics.Color)	4282213764 (0xFF3D6584)
YUV	92.5740, 19.4370, -27.6904
Hunter-Lab	34.5910, -5.0972, -16.1913

Details

The Hex color **3D6584** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **845C3D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7198B9**, and **003652** is the 20% darker color. If you saturate the color by 10%, you get **305F84**, and if you desaturate by 10%, it is **4A6B84**.

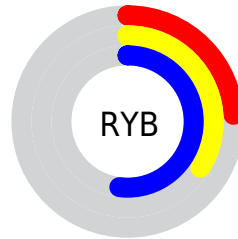
Distribution



Red (24%)

Green (40%)

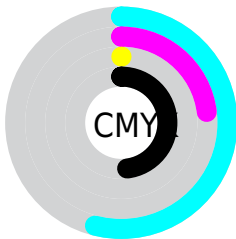
Blue (52%)



Red (24%)

Yellow (34%)

Blue (52%)

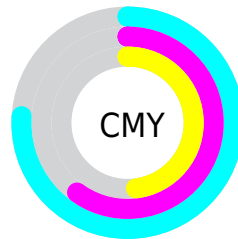


Cyan (54%)

Magenta (23%)

Yellow (0%)

Black (48%)



Cyan (76%)

Magenta (60%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6584 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 3D6584 by changing the saturation by 10% instead.

■ 3D6584

■ 3D6584

FFFFFF

■ 224D6B

■ 7198B9

■ 003652

■ 8CB3D5

■ 00213B

■ A7CEF1

■ 000A26

■ C3EAF1

■ 00010F

■ E0FFFF

■ 000000

FDFEFF

■ 3D6584

■ 3D6584

■ 305F84

■ 4A6B84

■ 235984

■ 577184

■ 155484

■ 657684

■ 084E84

■ 727C84

■ 004A84

■ 7F8284

■ 8C8884

■ 998D84

■ A79384

■ B49984

Harmonies

Analogous

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



26697B



3D6584



595F83

Triad

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



3D6584



855457



4E6848

Complementary

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



3D6584



845C3D

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.



62633E



3D6584



805747

Square

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



3D6584



805469



745D3E



386A59

Rectangle

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



3D6584



6A5B7E



745D3E



556744

Sweetspot

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



3D6584



909FAB



3D845C



465057



D6D6D6



575757

Same Dimension

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



3D6584



3C7AAB



3D4284



3C3F42



004982



000103

Inverse Universe

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



843D65



AB3C7A



847F3D



423C3F



820049



030001

Previews

White Background



This preview shows how the Hex color 3D6584 looks on a white background.

Color Contrast Check

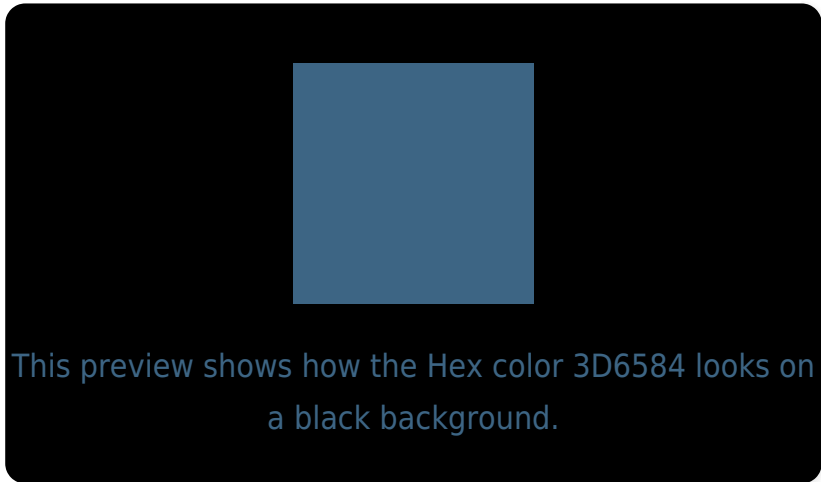
Large Text (above 18pt) WCAG AA ✓ Pass

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

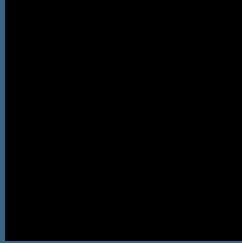
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

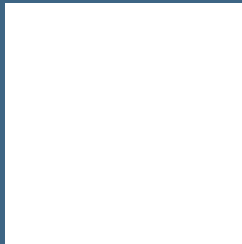
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3D6584 Background



This preview shows how black text looks on a background with the Hex color 3D6584.

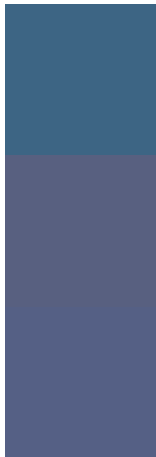


This preview shows how white text looks on a background with the Hex color 3D6584.

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
3D6584

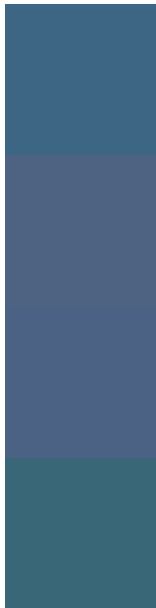
Protanopia
586080

Deuteranopia
556085



Tritanopia
366871

Trichromacy



Original Color
3D6584

Protanomaly
4E6281

Deuteranomaly
4C6285

Tritanomaly
396778

Monochromacy



Original Color
3D6584

Achromatopsia
5D5D5D

Achromatomaly
51606B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6584 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 #3D6584 looks like.

```
.text, #text, p{  
    color:#3D6584  
}
```

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 #3D6584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6584
}
```

Border

The CSS property to change the border of an element to Hex 3D6584 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
#3D6584 }
```

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

```
.border{ border-color:#3D6584 }
```

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

Here you see how a box with a 4 pixel #3D6584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6584; -webkit-box-shadow:4px 4px  
4px 4px #3D6584; box-shadow:4px 4px 4px  
4px #3D6584 }
```

Background

The CSS property to change the background color of an element to Hex 3D6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6584 }
```

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

```
.background{ background-color:#3D6584 }
```

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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