

Converting Colors

Hex(3D5872)

Have a look what the booklet for
Hex(3D5872) contains.

Hex(3D5872)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D5872)

Conversions

Conversions Part 1

Format	Color
Hex	3D5872
RGB	61, 88, 114
RGB Percent	24%, 35%, 45%
CMY	0.7608, 0.6549, 0.5529
CMYK	0.46, 0.23, 0.00, 0.55
HSL	209°, 30%, 34%
HSV	209°, 46%, 45%
XYZ	8.4515, 9.1865, 17.2473
YIQ	82.8910, -24.4380, 2.3620

Conversions

Conversions Part 2

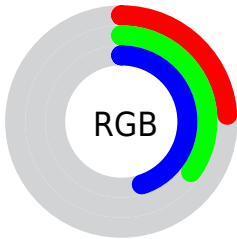
Format	Color
R_{YB}	61, 79, 114
Decimal	4020338
CIE _{Lab}	36.34, -2.44, -17.97
CIE _{LCh}	36, 18.136, 262.275
Yxy	9.1865, 0.2423, 0.2633
Android (android.graphics.Color)	4282210418 (0xFF3D5872)
YUV	82.8910, 15.3367, -19.1984
Hunter-Lab	30.3092, -3.2678, -12.5223




Details

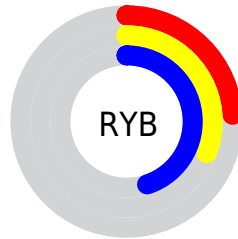
The Hex color **3D5872** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **72573D**, and the grayscale version is **535353**.




A 20% lighter version of the original color is **6F8AA6**, and **092B42** is the 20% darker color. If you saturate the color by 10%, you get **325272**, and if you desaturate by 10%, it is **485E72**.

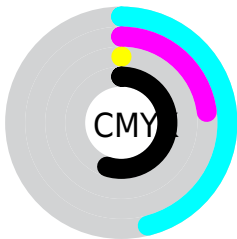
Distribution







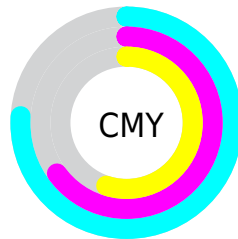
-  Red (24%)
-  Green (35%)
-  Blue (45%)






-  Red (24%)
-  Yellow (31%)
-  Blue (45%)



-  Cyan (46%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (76%)
-  Magenta (65%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5872 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 3D5872 by changing the saturation by 10% instead.

■ 3D5872

■ 3D5872

FFFFFF

■ 244159

■ 6F8AA6

■ 092B42

■ 89A4C1

■ 00172C

■ A4BFDD

■ 000117

■ C0DBFA

■ 000000

■ DCF7FF

■ F9FFFF

■ 3D5872

■ 3D5872

■ 325272

■ 485E72

■ 264D72

■ 546372

■ 1B4772

■ 5F6972

■ 0F4272

■ 6B6E72

■ 043C72

■ 767472

■ 003A72

■ 817A72

■ 8D7F72

■ 988572

■ A48A72

Harmonies

Analogous

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



2B5C6C



3D5872



525370

Triad

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



3D5872



734B4B



445B43

Complementary

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



3D5872



72573D

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.



55583A



3D5872



6E4E3F

Square

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



3D5872



704B5A



635339



335D51

Rectangle

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



3D5872



5F506B



635339



495A40

Sweetspot

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



3D5872



7F8A94



3D7257



3D444A



C9C9C9



4A4A4A

Same Dimension

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



3D5872



416B94



3D3E72



323538



003D78



007EF7

Inverse Universe

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



723D58



94416B



72713D



383235



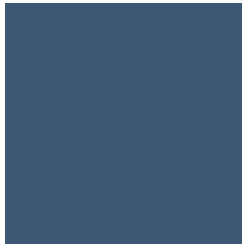
78003D



F7007E

Previews

White Background



This preview shows how the Hex color 3D5872 looks on a white background.

Color Contrast Check

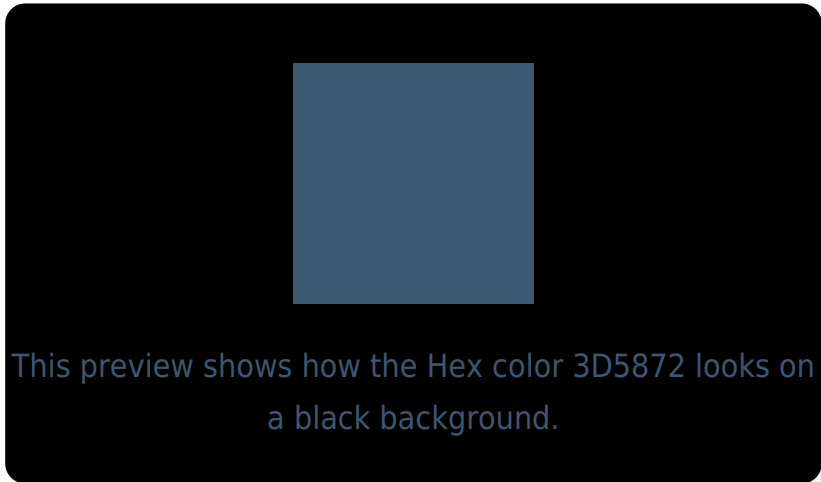
Large Text (above 18pt) WCAG AA ✓ Pass

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

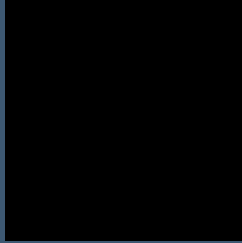
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

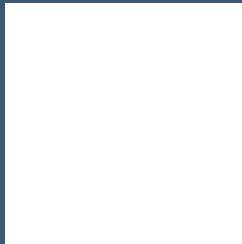
Any Text WCAG AAA × Fail

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

Hex 3D5872 Background



This preview shows how black text looks on a background with the Hex color 3D5872.

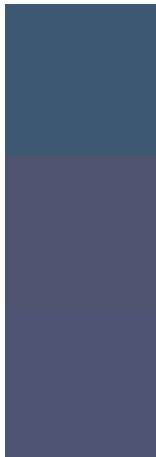


This preview shows how white text looks on a background with the Hex color 3D5872.

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
3D5872

Protanopia
4E546F

Deuteranopia
4D5473



Tritanopia
385B62

Trichromacy



Original Color
3D5872

Protanomaly
485570

Deuteranomaly
475573

Tritanomaly
3A5A68

Monochromacy



Original Color
3D5872

Achromatopsia
535353

Achromatomaly
4B555E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5872 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 #3D5872 looks like.

```
.text, #text, p{  
    color:#3D5872  
}
```

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 #3D5872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5872
}
```

Border

The CSS property to change the border of an element to Hex 3D5872 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
#3D5872 }
```

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

```
.border{ border-color:#3D5872 }
```

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

Here you see how a box with a 4 pixel #3D5872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5872; -webkit-box-shadow:4px 4px  
4px 4px #3D5872; box-shadow:4px 4px 4px  
4px #3D5872 }
```

Background

The CSS property to change the background color of an element to Hex 3D5872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5872 }
```

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

```
.background{ background-color:#3D5872 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor