

Converting Colors

Hex(335872)

Have a look what the booklet for
Hex(335872) contains.

Hex(335872)	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(335872)

Conversions

Conversions Part 1

Format	Color
Hex	335872
RGB	51, 88, 114
RGB Percent	20%, 35%, 45%
CMY	0.8000, 0.6549, 0.5529
CMYK	0.55, 0.23, 0.00, 0.55
HSL	205°, 38%, 32%
HSV	205°, 55%, 45%
XYZ	7.8922, 8.8982, 17.2211
YIQ	79.9010, -30.3980, 0.2420

Conversions

Conversions Part 2

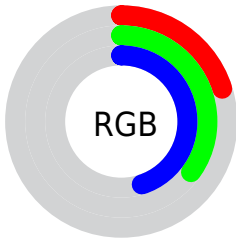
Format	Color
R _Y B	51, 74, 114
Decimal	3364978
CIE Lab	35.79, -5.09, -18.87
CIE LCh	36, 19.544, 254.911
Yxy	8.8982, 0.2320, 0.2616
Android (android.graphics.Color)	4281555058 (0xFF335872)
YUV	79.9010, 16.8108, -25.3462
Hunter-Lab	29.8298, -4.9754, -13.3481

Details

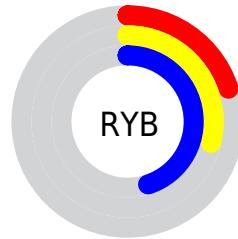
The Hex color **335872** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **724D33**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **668AA6**, and **002B42** is the 20% darker color. If you saturate the color by 10%, you get **285372**, and if you desaturate by 10%, it is **3E5D72**.

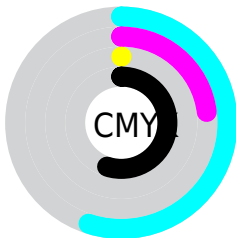
Distribution



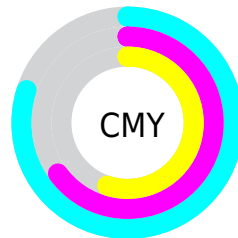
- Red (20%)
- Green (35%)
- Blue (45%)



- Red (20%)
- Yellow (29%)
- Blue (45%)



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



- Cyan (80%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335872 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 335872 by changing the saturation by 10% instead.

■ 335872

■ 335872

FFFFFF

■ 184159

■ 668AA6

■ 002B42

■ 80A4C1

■ 00172C

■ 9BBFDD

■ 000117

■ B7DBFA

■ 000000

■ D3F7FF

■ F0FFFF

■ 335872

■ 335872

■ 285372

■ 3E5D72

■ 1C4F72

■ 4A6172

■ 114A72

■ 556672

■ 054572

■ 616B72

■ 004372

■ 6C7072

■ 777472

■ 837972

■ 8E7E72

■ 9A8272

Harmonies

Analogous

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



215B6A



335872



4B5372

Triad

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



335872



73494D



465A3E

Complementary

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



335872



724D33

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.



575636



335872



704B3F

Square

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



335872



6E495D



665036



335C4C

Rectangle

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



335872



5A4F6E



665036



4C593A

Sweetspot

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



335872



7B8A94



33724C



3B444A



C9C9C9



4A4A4A

Same Dimension

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



335872



326C94



333972



323638



004678



0091F7

Inverse Universe

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



723358



94326C



726C33



383236



780046



F70091

Previews

White Background



This preview shows how the Hex color 335872 looks on a white background.

Color Contrast Check

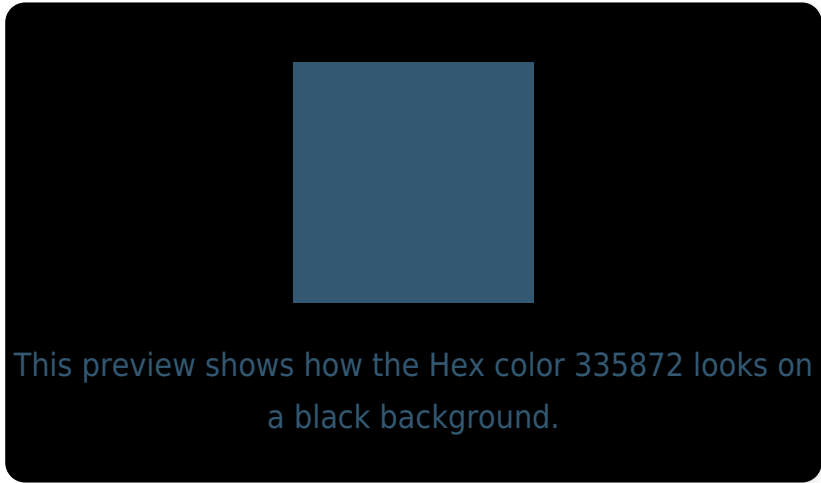
Large Text (above 18pt) WCAG AA ✓ Pass

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

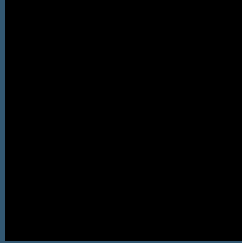
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

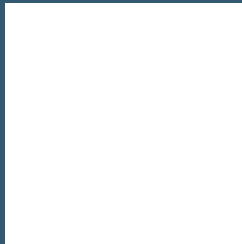
Any Text WCAG AAA × Fail

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

Hex 335872 Background



This preview shows how black text looks on a background with the Hex color 335872.



This preview shows how white text looks on a background with the Hex color 335872.

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
335872

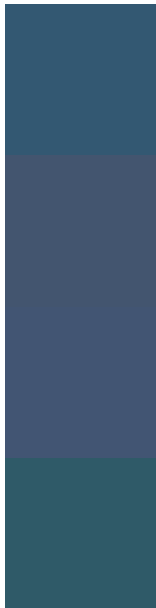
Protanopia
4C536E

Deuteranopia
4A5373



Tritanopia
2D5B62

Trichromacy



Original Color
335872

Protanomaly
43556F

Deuteranomaly
425573

Tritanomaly
2F5A68

Monochromacy



Original Color
335872

Achromatopsia
505050

Achromatomaly
45535C

CSS Examples

Text

The CSS property to change the color of the text to Hex 335872 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 #335872 looks like.

```
.text, #text, p{  
    color:#335872  
}
```

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 #335872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335872  
}
```

Border

The CSS property to change the border of an element to Hex 335872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

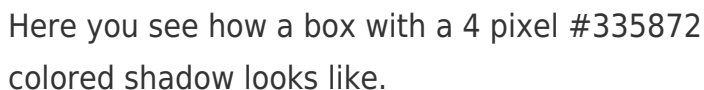
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#335872 }
```

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

```
.border{ border-color:#335872 }
```

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



Here you see how a box with a 4 pixel #335872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335872; -webkit-box-shadow:4px 4px  
4px 4px #335872; box-shadow:4px 4px 4px  
4px #335872 }
```

Background

The CSS property to change the background color of an element to Hex 335872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335872 }
```

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

```
.background{ background-color:#335872 }
```

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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