

Converting Colors

Hex(323D87)

Have a look what the booklet for
Hex(323D87) contains.

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Color

Hex(323D87)

Conversions

Conversions Part 1

Format	Color
Hex	323D87
RGB	50, 61, 135
RGB Percent	20%, 24%, 53%
CMY	0.8039, 0.7608, 0.4706
CMYK	0.63, 0.55, 0.00, 0.47
HSL	232°, 46%, 36%
HSV	232°, 63%, 53%
XYZ	7.3573, 5.7649, 23.6466
YIQ	66.1470, -30.3100, 20.6820

Conversions

Conversions Part 2

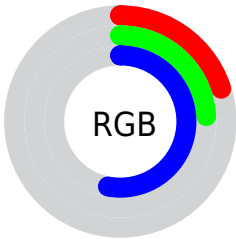
Format	Color
R_{YB}	50, 60, 135
Decimal	3292551
CIE _{Lab}	28.81, 19.94, -42.96
CIE _{LCh}	29, 47.358, 294.898
Yxy	5.7649, 0.2001, 0.1568
Android (android.graphics.Color)	4281482631 (0xFF323D87)
YUV	66.1470, 33.9445, -14.1609
Hunter-Lab	24.0101, 12.6792, -41.5853

Details

The Hex color **323D87** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **877C32**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **696CBD**, and **001454** is the 20% darker color. If you saturate the color by 10%, you get **253187**, and if you desaturate by 10%, it is **3F4987**.

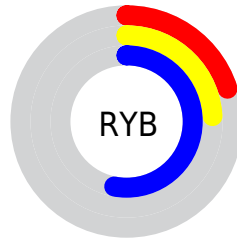
Distribution



Red (20%)

Green (24%)

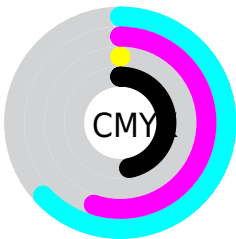
Blue (53%)



Red (20%)

Yellow (24%)

Blue (53%)

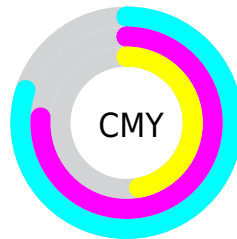


Cyan (63%)

Magenta (55%)

Yellow (0%)

Black (47%)



Cyan (80%)

Magenta (76%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 323D87 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 323D87 by changing the saturation by 10% instead.

■ 323D87

■ 323D87

FFFFFF

■ 10276D

■ 696CBD

■ 001454

■ 8485D9

■ 00003D

■ A0A0F6

■ 000326

■ BCBAFF

■ 00010F

■ D9D6FF

■ 000000

■ F6F3FF

■ 323D87

■ 323D87

■ 253187

■ 3F4987

■ 172587

■ 4D5587

■ 0A1A87

■ 5B6087

■ 001187

■ 686C87

■ 767887

■ 838487

■ 918F87

■ 9E9B87

■ ACA787

Harmonies

Analogous

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



004A8D



323D87



692A6F

Triad

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



323D87



733003



00533C

Complementary

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



323D87



877C32

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.



005116



323D87



594000

Square

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



323D87



821D28



364B00



005462

Rectangle

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



323D87



7B1C58



364B00



00532F

Sweetspot

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



323D87



8F93B0



32877C



454759



D9D9D9



595959

Same Dimension

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



323D87



2A3CB0



513287



3C3D42



001182



000003

Inverse Universe

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



87323D



B02A3C



688732



423C3D



820011



030000

Previews

White Background



This preview shows how the Hex color 323D87 looks on a white background.

Color Contrast Check

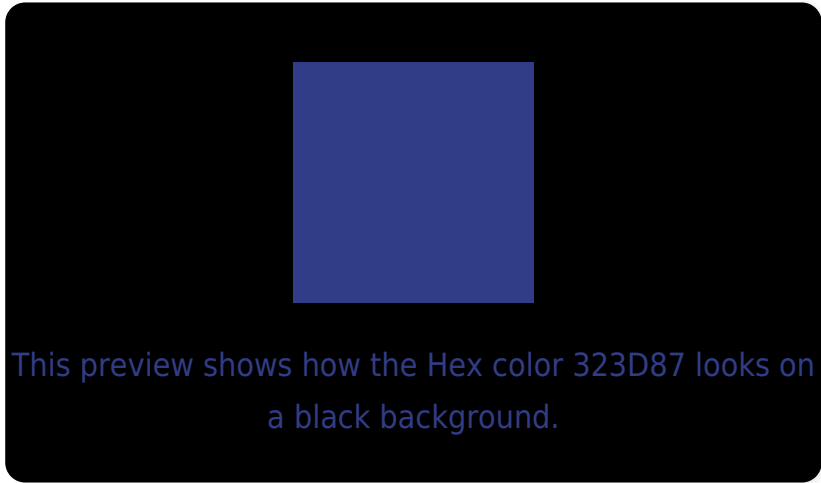
Large Text (above 18pt) WCAG AA ✓ Pass

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

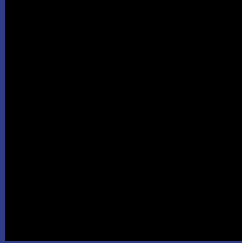
Any Text WCAG AA × Fail

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 323D87 Background



This preview shows how black text looks on a background with the Hex color 323D87.

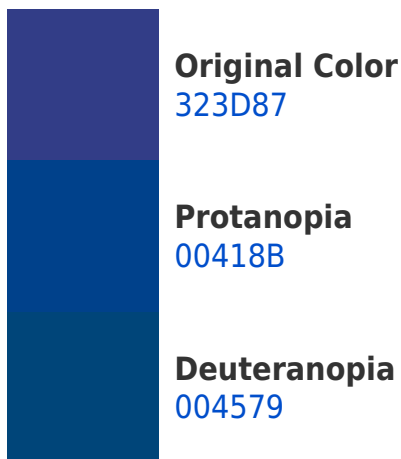


This preview shows how white text looks on a background with the Hex color 323D87.

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
134B51

Trichromacy



Original Color
323D87

Protanomaly
12408A

Deuteranomaly
12427E

Tritanomaly
1E4665

Monochromacy



Original Color
323D87

Achromatopsia
424242

Achromatomaly
3C405B

CSS Examples

Text

The CSS property to change the color of the text to Hex 323D87 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 #323D87 looks like.

```
.text, #text, p{  
    color:#323D87  
}
```

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 #323D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #323D87
}
```

Border

The CSS property to change the border of an element to Hex 323D87 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
#323D87 }
```

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

```
.border{ border-color:#323D87 }
```

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

Here you see how a box with a 4 pixel #323D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #323D87; -webkit-box-shadow:4px 4px  
4px 4px #323D87; box-shadow:4px 4px 4px  
4px #323D87 }
```

Background

The CSS property to change the background color of an element to Hex 323D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#323D87 }
```

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

```
.background{ background-color:#323D87 }
```

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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