

Converting Colors

Hex(332662)

Have a look what the booklet for
Hex(332662) contains.

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Color

Hex(332662)

Conversions

Conversions Part 1

Format	Color
Hex	332662
RGB	51, 38, 98
RGB Percent	20%, 15%, 38%
CMY	0.8000, 0.8510, 0.6157
CMYK	0.48, 0.61, 0.00, 0.62
HSL	253°, 44%, 27%
HSV	253°, 61%, 38%
XYZ	4.2630, 2.9719, 11.9042
YIQ	48.7270, -11.5120, 21.4160

Conversions

Conversions Part 2

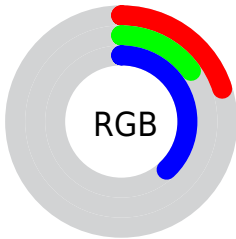
Format	Color
R _Y B	51, 38, 98
Decimal	3352162
CIE Lab	19.93, 22.77, -33.68
CIE LCh	20, 40.660, 304.063
Yxy	2.9719, 0.2227, 0.1553
Android (android.graphics.Color)	4281542242 (0xFF332662)
YUV	48.7270, 24.2916, 1.9934
Hunter-Lab	17.2391, 13.9717, -28.8744

Details

The Hex color **332662** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **556226**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **655395**, and **070033** is the 20% darker color. If you saturate the color by 10%, you get **2B1C62**, and if you desaturate by 10%, it is **3B3062**.

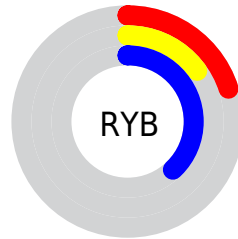
Distribution



Red (20%)

Green (15%)

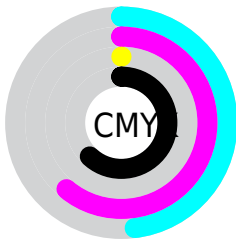
Blue (38%)



Red (20%)

Yellow (15%)

Blue (38%)

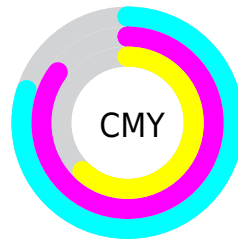


Cyan (48%)

Magenta (61%)

Yellow (0%)

Black (62%)



Cyan (80%)

Magenta (85%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332662 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 332662 by changing the saturation by 10% instead.

■ 332662

■ 332662

FFFFFF

■ 1A114A

■ 655395

■ 070033

■ 7F6CB0

■ 00021D

■ 9A85CC

■ 000000

■ B59FE8

■ D2BAFF

■ EED6FF

■ FFF3FF

■ 332662

■ 332662

■ 2B1C62

■ 3B3062

■ 241262

■ 423A62

■ 1C0962

■ 4A4362

■ 150062

■ 524D62

■ 595762

■ 616162

■ 696B62

■ 707462

■ 787E62

Harmonies

Analogous

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



00336C



332662



56144B

Triad

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



332662



502400



003D34

Complementary

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



332662



556226

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.



003B14



332662



393000

Square

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



332662



5F1310



1B3700



003D51

Rectangle

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



332662



610837



1B3700



003C29

Sweetspot

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



332662



6E6980



265562



353240



BFBFBF



404040

Same Dimension

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



332662



372280



512662



2D2C30



180070



3400F0

Inverse Universe

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



622655



80226B



376226



302C2F



700058



F000BC

Previews

White Background



This preview shows how the Hex color 332662 looks on a white background.

Color Contrast Check

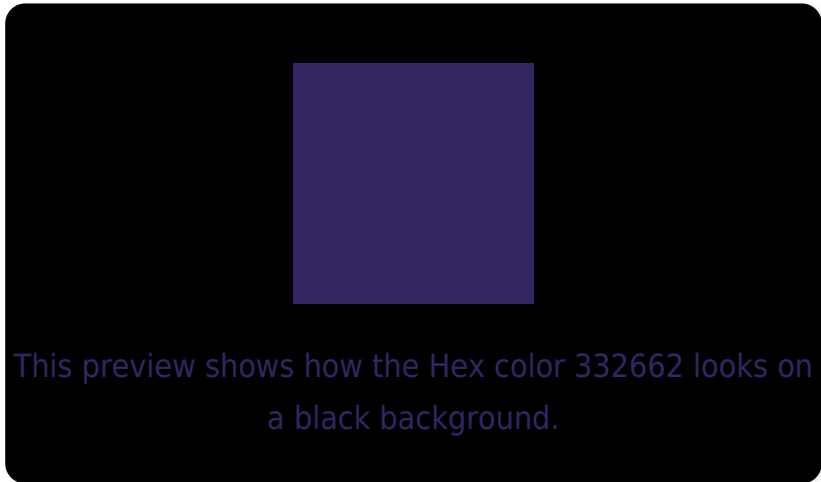
Large Text (above 18pt) WCAG AA ✓ Pass

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 332662 Background



This preview shows how black text looks on a background with the Hex color 332662.



This preview shows how white text looks on a background with the Hex color 332662.

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
332662

Protanopia
002F63

Deuteranopia
003256



Tritanopia
273236

Trichromacy



Original Color
332662

Protanomaly
132C63

Deuteranomaly
132E5A

Tritanomaly
2B2E46

Monochromacy



Original Color
332662

Achromatopsia
313131

Achromatomaly
322D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 332662 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 #332662 looks like.

```
.text, #text, p{  
    color:#332662  
}
```

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 #332662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332662
}
```

Border

The CSS property to change the border of an element to Hex 332662 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
#332662 }
```

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

```
.border{ border-color:#332662 }
```

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

Here you see how a box with a 4 pixel #332662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332662; -webkit-box-shadow:4px 4px  
4px 4px #332662; box-shadow:4px 4px 4px  
4px #332662 }
```

Background

The CSS property to change the background color of an element to Hex 332662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332662 }
```

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

```
.background{ background-color:#332662 }
```

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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