

Converting Colors

Hex(332876)

Have a look what the booklet for
Hex(332876) contains.

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Color

Hex(332876)

Conversions

Conversions Part 1

Format	Color
Hex	332876
RGB	51, 40, 118
RGB Percent	20%, 16%, 46%
CMY	0.8000, 0.8431, 0.5373
CMYK	0.57, 0.66, 0.00, 0.54
HSL	248°, 49%, 31%
HSV	248°, 66%, 46%
XYZ	5.3940, 3.5294, 17.5365
YIQ	52.1810, -18.4820, 26.5900

Conversions

Conversions Part 2

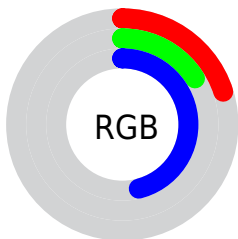
Format	Color
R_{YB}	51, 40, 118
Decimal	3352694
CIE _{Lab}	22.05, 28.13, -43.21
CIE _{LCh}	22, 51.564, 303.068
Yxy	3.5294, 0.2039, 0.1334
Android (android.graphics.Color)	4281542774 (0xFF332876)
YUV	52.1810, 32.4488, -1.0357
Hunter-Lab	18.7867, 18.3743, -42.1937

Details

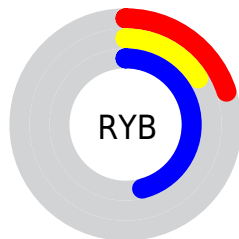
The Hex color **332876** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6B7628**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6856AB**, and **000045** is the 20% darker color. If you saturate the color by 10%, you get **291C76**, and if you desaturate by 10%, it is **3D3476**.

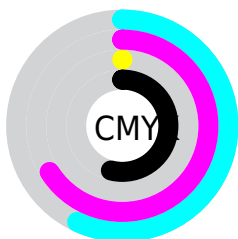
Distribution



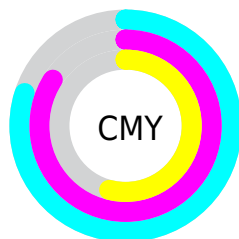
- Red (20%)
- Green (16%)
- Blue (46%)



- Red (20%)
- Yellow (16%)
- Blue (46%)



- Cyan (57%)
- Magenta (66%)
- Yellow (0%)
- Black (54%)



- Cyan (80%)
- Magenta (84%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332876 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 332876 by changing the saturation by 10% instead.

■ 332876

■ 332876

FFFFFF

■ 15135D

■ 6856AB

■ 000045

■ 836EC7

■ 00032D

■ 9E88E3

■ 000118

■ BAA2FF

■ 000000

■ D7BEFF

■ F4D9FF

■ FFF6FF

■ 332876

■ 332876

■ 291C76

■ 3D3476

■ 1F1076

■ 474076

■ 150576

■ 514B76

■ 110076

■ 5C5776

■ 666376

■ 706F76

■ 7A7B76

■ 848676

■ 8E9276

Harmonies

Analogous

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



003983



332876



640658

Triad

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



332876



5C2400



004438

Complementary

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



332876



6B7628

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.



00420E



332876



3F3500

Square

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



332876



70030D



153E00



00445E

Rectangle

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



332876



71003F



153E00



00432A

Sweetspot

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



332876



7F7A99



286C76



3D3A4D



CCCCCC



4D4D4D

Same Dimension

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



332876



312099



592876



36353B



11007A



2300FA

Inverse Universe

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



76286B



992088



457628



3B353A



7A0069



FA00D7

Previews

White Background



This preview shows how the Hex color 332876 looks on a white background.

Color Contrast Check

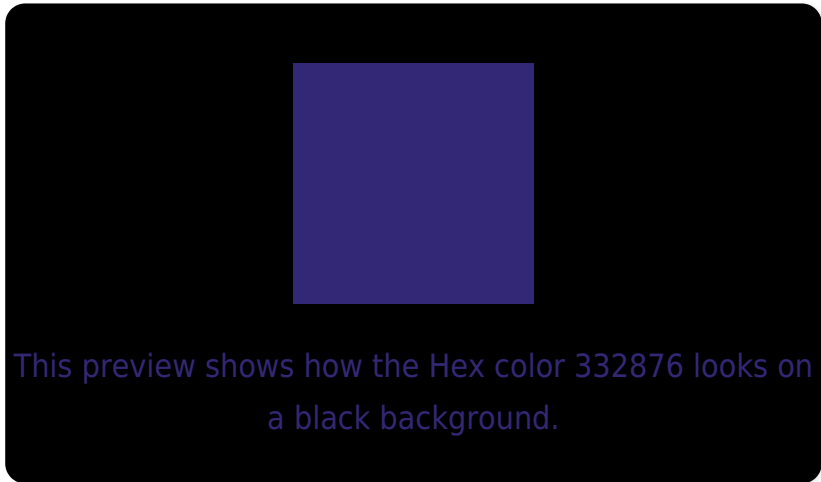
Large Text (above 18pt) WCAG AA ✓ Pass

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

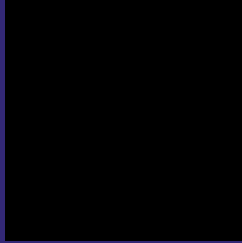
Any Text WCAG AA × Fail

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 332876 Background



This preview shows how black text looks on a background with the Hex color 332876.



This preview shows how white text looks on a background with the Hex color 332876.

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](#).

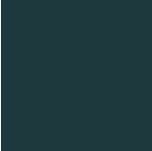
Dichromacy



Original Color
332876

Protanopia
00336C

Deuteranopia
00375D



Tritanopia
1D393E

Trichromacy



Original Color
332876

Protanomaly
132F70

Deuteranomaly
133266

Tritanomaly
253352

Monochromacy



Original Color
332876

Achromatopsia
343434

Achromatomaly
34304C

CSS Examples

Text

The CSS property to change the color of the text to Hex 332876 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 #332876 looks like.

```
.text, #text, p{  
  color:#332876  
}
```

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 #332876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332876
}
```

Border

The CSS property to change the border of an element to Hex 332876 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
#332876 }
```

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

```
.border{ border-color:#332876 }
```

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

Here you see how a box with a 4 pixel #332876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332876; -webkit-box-shadow:4px 4px  
4px 4px #332876; box-shadow:4px 4px 4px  
4px #332876 }
```

Background

The CSS property to change the background color of an element to Hex 332876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332876 }
```

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

```
.background{ background-color:#332876 }
```

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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