

Converting Colors

Hex(32315B)

Have a look what the booklet for
Hex(32315B) contains.

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Color

Hex(32315B)

Conversions

Conversions Part 1

Format	Color
Hex	32315B
RGB	50, 49, 91
RGB Percent	20%, 19%, 36%
CMY	0.8039, 0.8078, 0.6431
CMYK	0.45, 0.46, 0.00, 0.64
HSL	241°, 30%, 27%
HSV	241°, 46%, 36%
XYZ	4.3020, 3.6301, 10.3715
YIQ	54.0870, -12.8860, 13.2740

Conversions

Conversions Part 2

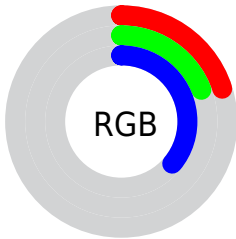
Format	Color
R_{YB}	50, 49, 91
Decimal	3289435
CIE _{Lab}	22.41, 12.63, -25.12
CIE _{LCh}	22, 28.116, 296.704
Yxy	3.6301, 0.2350, 0.1983
Android (android.graphics.Color)	4281479515 (0xFF32315B)
YUV	54.0870, 18.1981, -3.5843
Hunter-Lab	19.0527, 6.9623, -18.9379

Details

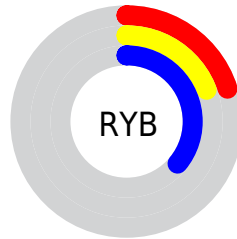
The Hex color **32315B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5A5B31**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **635F8D**, and **05022D** is the 20% darker color. If you saturate the color by 10%, you get **29285B**, and if you desaturate by 10%, it is **3B3A5B**.

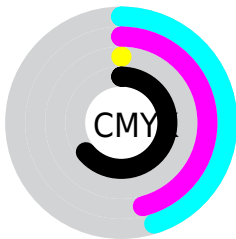
Distribution



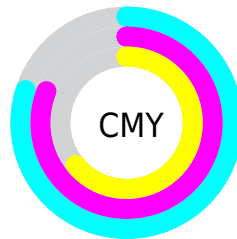
- Red (20%)
- Green (19%)
- Blue (36%)



- Red (20%)
- Yellow (19%)
- Blue (36%)



- Cyan (45%)
- Magenta (46%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32315B 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 32315B by changing the saturation by 10% instead.

■ 32315B

■ 32315B

FFFFFF

■ 1A1C43

■ 635F8D

■ 05022D

■ 7C78A8

■ 000118

■ 9791C3

■ 000000

■ B2ACDF

■ CDC7FC

■ EAE3FF

■ 32315B

■ 32315B

■ 29285B

■ 3B3A5B

■ 201F5B

■ 44435B

■ 17165B

■ 4D4C5B

■ 0E0D5B

■ 56555B

■ 06035B

■ 5E5F5B

■ 02005B

■ 67685B

■ 70715B

■ 797A5B

■ 82835B

Harmonies

Analogous

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



00395F



32315B



4D284D

Triad

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



32315B



522C13



003F32

Complementary

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



32315B



5A5B31

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.



123E1E



32315B



433408

Square

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



32315B



5B2424



2E3A0D



003F48

Rectangle

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



32315B



572440



2E3A0D



003F2B

Sweetspot

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



32315B



656575



315A5B



31313B



BABABA



3B3B3B

Same Dimension

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



32315B



363575



47315B



29292E



03006E



0600ED

Inverse Universe

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



5B315A



753574



455B31



2E292E



6E006B



ED00E8

Previews

White Background



This preview shows how the Hex color 32315B looks on a white background.

Color Contrast Check

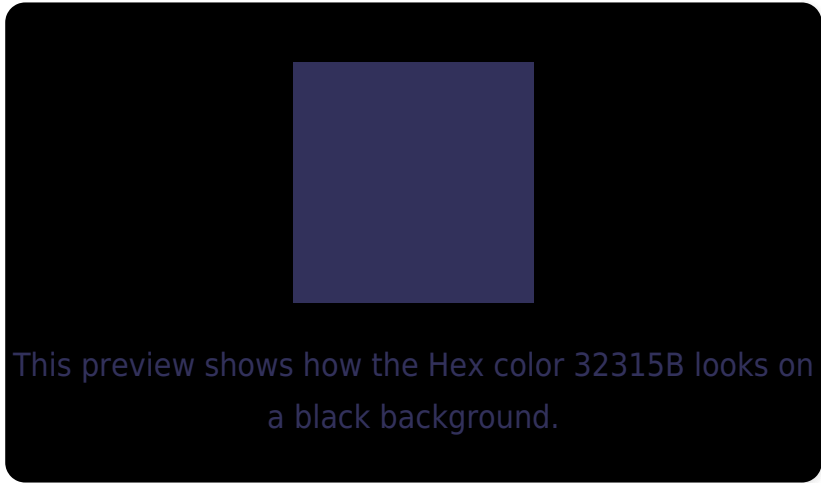
Large Text (above 18pt) WCAG AA ✓ Pass

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

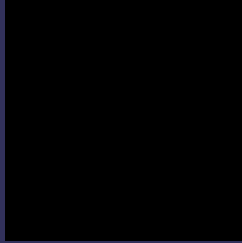
Any Text WCAG AA × Fail

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 32315B Background



This preview shows how black text looks on a background with the Hex color 32315B.



This preview shows how white text looks on a background with the Hex color 32315B.

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](#).

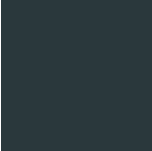
Dichromacy



Original Color
32315B

Protanopia
22345E

Deuteranopia
1D365A



Tritanopia
2A383C

Trichromacy



Original Color
32315B

Protanomaly
28335D

Deuteranomaly
25345A

Tritanomaly
2D3547

Monochromacy



Original Color
32315B

Achromatopsia
363636

Achromatomaly
353443

CSS Examples

Text

The CSS property to change the color of the text to Hex 32315B 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 #32315B looks like.

```
.text, #text, p{  
    color:#32315B  
}
```

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 #32315B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32315B
}
```

Border

The CSS property to change the border of an element to Hex 32315B 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
#32315B }
```

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

```
.border{ border-color:#32315B }
```

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

Here you see how a box with a 4 pixel #32315B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32315B; -webkit-box-shadow:4px 4px  
4px 4px #32315B; box-shadow:4px 4px 4px  
4px #32315B }
```

Background

The CSS property to change the background color of an element to Hex 32315B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32315B }
```

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

```
.background{ background-color:#32315B }
```

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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