

# Converting Colors

Hex(32142B)

Have a look what the booklet for  
Hex(32142B) contains.

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# Color

**Hex(32142B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32142B
RGB	50, 20, 43
RGB Percent	20%, 8%, 17%
CMY	0.8039, 0.9216, 0.8314
CMYK	0.00, 0.60, 0.14, 0.80
HSL	314°, 43%, 14%
HSV	314°, 60%, 20%
XYZ	2.0016, 1.3528, 2.4411
YIQ	31.5920, 10.4970, 13.5130

# Conversions

## Conversions Part 2

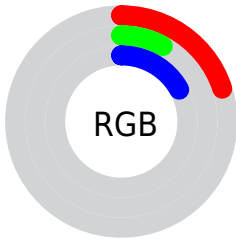
Format	Color
R <sub>Y</sub> B	50, 20, 43
Decimal	3281963
CIE Lab	11.64, 18.94, -8.74
CIE LCh	12, 20.856, 335.226
Yxy	1.3528, 0.3454, 0.2334
Android (android.graphics.Color)	4281472043 (0xFF32142B)
YUV	31.5920, 5.6241, 16.1438
Hunter-Lab	11.6312, 10.3633, -4.3019

# Details

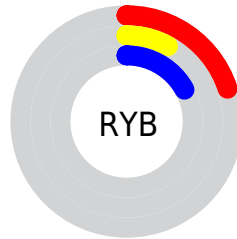
The Hex color **32142B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **14321B**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **614058**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **320F2A**, and if you desaturate by 10%, it is **32192C**.

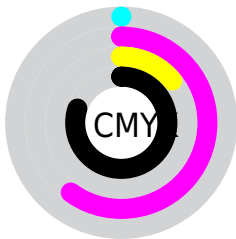
# Distribution



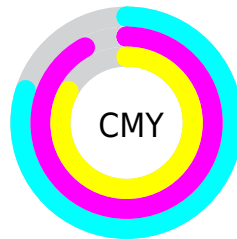
- Red (20%)
- Green (8%)
- Blue (17%)



- Red (20%)
- Yellow (8%)
- Blue (17%)



- Cyan (0%)
- Magenta (60%)
- Yellow (14%)
- Black (80%)



- Cyan (80%)
- Magenta (92%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32142B 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 32142B by changing the saturation by 10% instead.



 32142B

 32142B

 FFF8FF

 1F0017

 614058

 000000

 7B5771

 95708A

 B08AA5

 CBA4C0

 E7BFDC

 FFDBF8

 32142B

 32142B

■ 320F2A

■ 32192C

■ 320A29

■ 321E2D

■ 320528

■ 32232F

■ 320026

■ 322830

■ 322D31

■ 323232

■ 323733

■ 323C34

■ 324136

# Harmonies

## Analogous

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



231A36



32142B



38111D

# Triad

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



32142B



251F00



00252F

# Complementary

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



32142B



14321B

# 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.



002621



32142B



172300

# Square

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



32142B



311900



002512



002339

# Rectangle

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



32142B



381313



002512



00262B



# Sweetspot

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



32142B



40343D



1B1432



211A1F



A1A1A1



212121



# Same Dimension

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



32142B



401235



32141C



1A1719



590044



D900A6



# Inverse Universe

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



32142B



401235



14322A



1A1719



590044

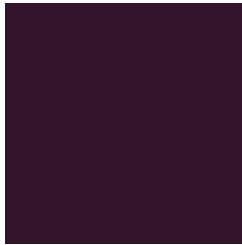


D900A6



# Previews

## White Background



This preview shows how the Hex color 32142B looks on a white background.

## Color Contrast Check

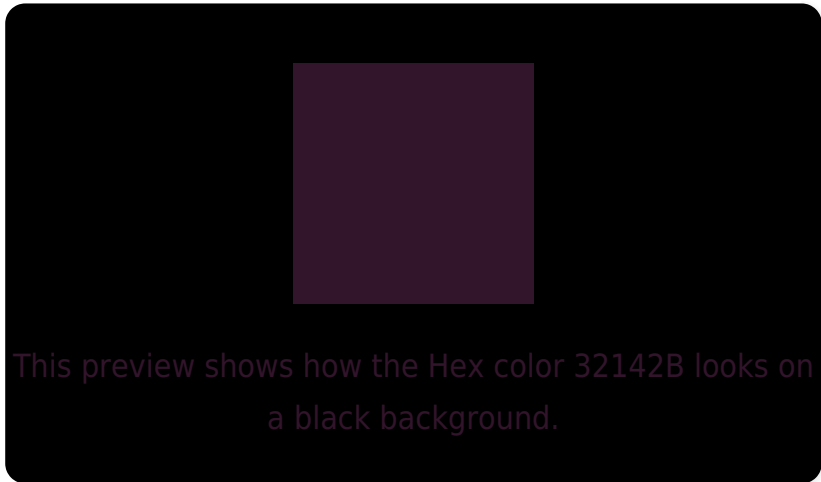
Large Text (above 18pt) WCAG AA ✓ Pass

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

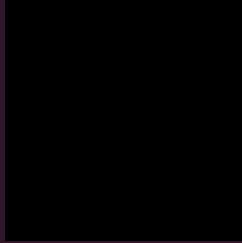
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 32142B Background



This preview shows how black text looks on a background with the Hex color 32142B.



This preview shows how white text looks on a background with the Hex color 32142B.

# 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**  
32142B

**Protanopia**  
171F34

**Deuteranopia**  
1E1F29



**Tritanopia**  
30181A

# Trichromacy



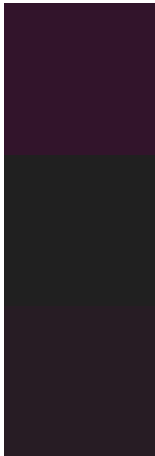
**Original Color**  
32142B

**Protanomaly**  
211B31

**Deuteranomaly**  
251B2A

**Tritanomaly**  
311720

# Monochromacy



**Original Color**  
32142B

**Achromatopsia**  
202020

**Achromatomaly**  
271C24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32142B 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 #32142B looks like.

```
.text, #text, p{  
    color:#32142B  
}
```

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 #32142B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32142B
}
```

## Border

The CSS property to change the border of an element to Hex 32142B 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".

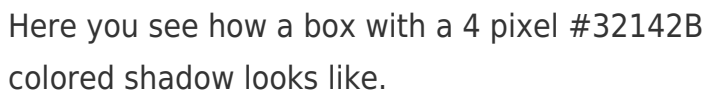
```
.border, #border, table{ border:4px solid
#32142B }
```

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

```
.border{ border-color:#32142B }
```

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

Here you see how a box with a 4 pixel #32142B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32142B; -webkit-box-shadow:4px 4px  
4px 4px #32142B; box-shadow:4px 4px 4px  
4px #32142B }
```

# Background

The CSS property to change the background color of an element to Hex 32142B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32142B }
```

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

```
.background{ background-color:#32142B }
```

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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