

# Converting Colors

Hex(032130)

Have a look what the booklet for  
Hex(032130) contains.

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# Color

**Hex(032130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	032130
RGB	3, 33, 48
RGB Percent	1%, 13%, 19%
CMY	0.9882, 0.8706, 0.8118
CMYK	0.94, 0.31, 0.00, 0.81
HSL	200°, 88%, 10%
HSV	200°, 94%, 19%
XYZ	1.1149, 1.3205, 2.9924
YIQ	25.7400, -22.6950, -1.6950

# Conversions

## Conversions Part 2

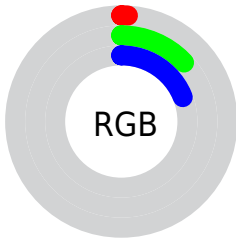
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 21, 48
Decimal	205104
CIE <sub>Lab</sub>	11.42, -4.57, -13.08
CIE <sub>LCh</sub>	11, 13.860, 250.730
Yxy	1.3205, 0.2054, 0.2433
Android (android.graphics.Color)	4278395184 (0xFF032130)
YUV	25.7400, 10.9742, -19.9430
Hunter-Lab	11.4912, -2.7909, -7.3959

# Details

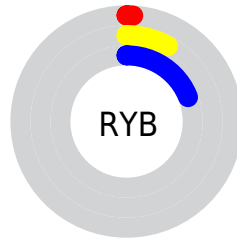
The Hex color **032130** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **301203**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **334D5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002030**, and if you desaturate by 10%, it is **082330**.

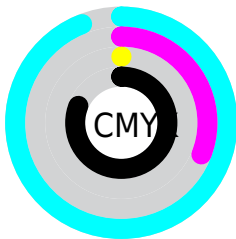
# Distribution



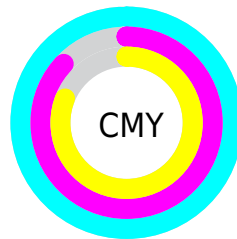
- Red (1%)
- Green (13%)
- Blue (19%)



- Red (1%)
- Yellow (8%)
- Blue (19%)



- Cyan (94%)
- Magenta (31%)
- Yellow (0%)
- Black (81%)



- Cyan (99%)
- Magenta (87%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 032130 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 032130 by changing the saturation by 10% instead.



032130

032130

ECFFFF

000A1B

334D5E

000000

4B6577

647E90

7E98AB

98B2C6

B3CEE2

CFEAFF

032130

032130

■ 002030

■ 082330

■ 0D2430

■ 112630

■ 162730

■ 1B2930

■ 202B30

■ 252C30

■ 292E30

■ 2E2F30

# Harmonies

## Analogous

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



00232A



032130



161E31

# Triad

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



032130



30171B



17210F

# Complementary

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



032130



301203

# 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.



221F08



032130



2F1812

# Square

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



032130



2D1825



2A1C0A



0A2318

# Rectangle

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



032130



1F1C2F



2A1C0A



1B210C



# Sweetspot

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



032130



2C373D



033012



141B1F



9E9E9E



1F1F1F



# Same Dimension

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



032130



00293D



030B30



151617



003A57



008FD6



# Inverse Universe

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



300321



3D0029



302903



171516



57003A



D6008F



# Previews

## White Background



This preview shows how the Hex color 032130 looks on a white background.

## Color Contrast Check

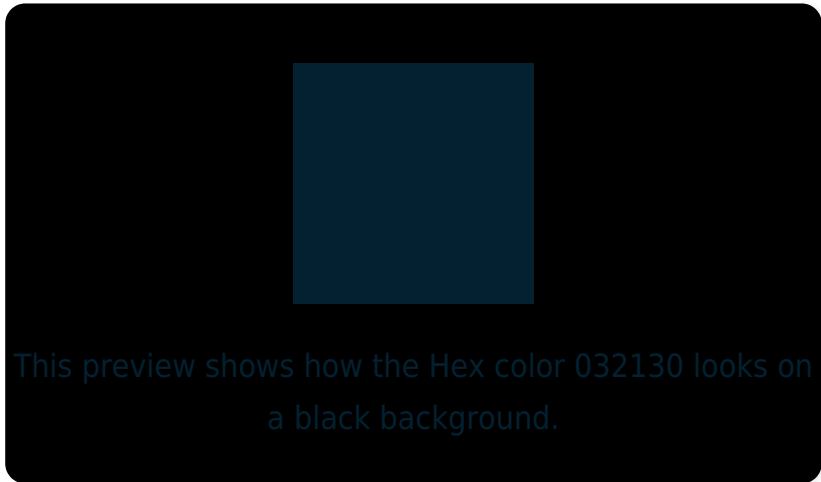
Large Text (above 18pt) WCAG AA ✓ Pass

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

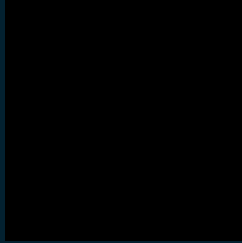
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

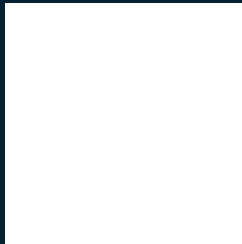
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 032130 Background



This preview shows how black text looks on a background with the Hex color 032130.



This preview shows how white text looks on a background with the Hex color 032130.

# 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**  
032130

**Protanopia**  
1A1E2E

**Deuteranopia**  
161F30



# Trichromacy



**Original Color**  
032130

**Protanomaly**  
121F2F

**Deuteranomaly**  
0F2030

**Tritanomaly**  
012229

# Monochromacy



**Original Color**  
032130

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
121D22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 032130 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 #032130 looks like.

```
.text, #text, p{  
    color:#032130  
}
```

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 #032130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #032130
}
```

## Border

The CSS property to change the border of an element to Hex 032130 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
#032130 }
```

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

```
.border{ border-color:#032130 }
```

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

Here you see how a box with a 4 pixel #032130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #032130; -webkit-box-shadow:4px 4px  
4px 4px #032130; box-shadow:4px 4px 4px  
4px #032130 }
```

# Background

The CSS property to change the background color of an element to Hex 032130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#032130 }
```

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

```
.background{ background-color:#032130 }
```

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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