

Converting Colors

Hex(192330)

Have a look what the booklet for
Hex(192330) contains.

Hex(192330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(192330)

Conversions

Conversions Part 1

Format	Color
Hex	192330
RGB	25, 35, 48
RGB Percent	10%, 14%, 19%
CMY	0.9020, 0.8627, 0.8118
CMYK	0.48, 0.27, 0.00, 0.81
HSL	214°, 32%, 14%
HSV	214°, 48%, 19%
XYZ	1.5354, 1.6221, 3.0285
YIQ	33.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

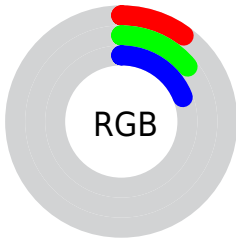
Format	Color
RYB	25, 32, 48
Decimal	1647408
CIELab	13.36, -0.17, -9.97
CIElCh	13, 9.970, 268.999
Yxy	1.6221, 0.2482, 0.2622
Android (android.graphics.Color)	4279837488 (0xFF192330)
YUV	33.4920, 7.1524, -7.4475
Hunter-Lab	12.7363, -0.7694, -5.1828

Details

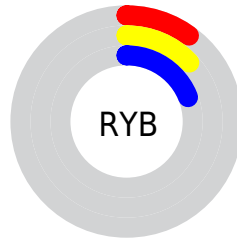
The Hex color **192330** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302619**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **454F5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **142030**, and if you desaturate by 10%, it is **1E2630**.

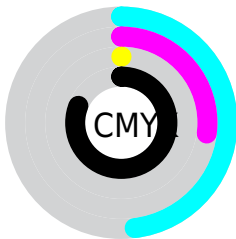
Distribution



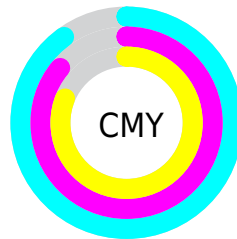
- Red (10%)
- Green (14%)
- Blue (19%)



- Red (10%)
- Yellow (13%)
- Blue (19%)



- Cyan (48%)
- Magenta (27%)
- Yellow (0%)
- Black (81%)



- Cyan (90%)
- Magenta (86%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 192330 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 192330 by changing the saturation by 10% instead.

■ 192330

■ 192330

FFFFFF

■ 000D1B

■ 454F5E

■ 000000

■ 5D6777

■ 768090

■ 909AAB

■ AAB5C6

■ C6D1E2

■ E2EDFF

■ 192330

■ 192330

■ 142030

■ 1E2630

■ 0F1E30

■ 232830

■ 0B1B30

■ 272B30

■ 061830

■ 2C2E30

■ 011530

■ 313130

■ 001530

■ 363330

■ 3B3630

■ 3F3930

■ 443B30

Harmonies

Analogous

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



10252E



192330



23212E

Triad

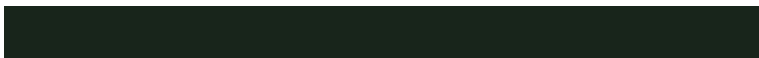
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



192330



301E1C



18251B

Complementary

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



192330



302619

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.



202416



192330



2D1F17

Square

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



192330



2F1D23



272214



112622

Rectangle

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



192330



291F2B



272214



1B2519

Sweetspot

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



192330



35383D



193026



191C1F



9E9E9E



1F1F1F

Same Dimension

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



192330



1A293D



1A1930



151617



002657



005DD6

Inverse Universe

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



301923



3D1A29



2F3019



171516



570026



D6005D

Previews

White Background



This preview shows how the Hex color 192330 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

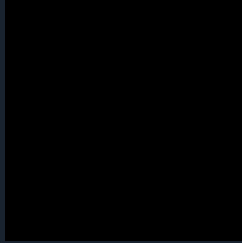
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

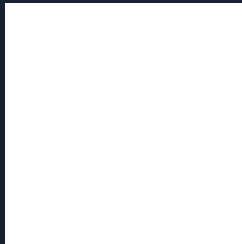
Any Text WCAG AAA × Fail

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

Hex 192330 Background



This preview shows how black text looks on a background with the Hex color 192330.



This preview shows how white text looks on a background with the Hex color 192330.

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
192330

Protanopia
1E222F

Deuteranopia
1D2230



Tritanopia
162528

Trichromacy



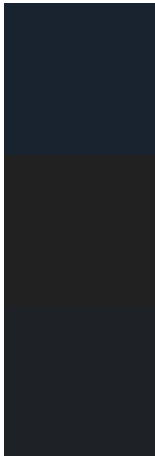
Original Color
192330

Protanomaly
1C222F

Deuteranomaly
1C2230

Tritanomaly
17242B

Monochromacy



Original Color
192330

Achromatopsia
212121

Achromatomaly
1E2226

CSS Examples

Text

The CSS property to change the color of the text to Hex 192330 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 #192330 looks like.

```
.text, #text, p{  
    color:#192330  
}
```

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 #192330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #192330
}
```

Border

The CSS property to change the border of an element to Hex 192330 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
#192330 }
```

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

```
.border{ border-color:#192330 }
```

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

Here you see how a box with a 4 pixel #192330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #192330; -webkit-box-shadow:4px 4px  
4px 4px #192330; box-shadow:4px 4px 4px  
4px #192330 }
```

Background

The CSS property to change the background color of an element to Hex 192330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#192330 }
```

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

```
.background{ background-color:#192330 }
```

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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