

Converting Colors

Hex(192321)

Have a look what the booklet for
Hex(192321) contains.

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Color

Hex(192321)

Conversions

Conversions Part 1

Format	Color
Hex	192321
RGB	25, 35, 33
RGB Percent	10%, 14%, 13%
CMY	0.9020, 0.8627, 0.8706
CMYK	0.29, 0.00, 0.06, 0.86
HSL	168°, 17%, 12%
HSV	168°, 29%, 14%
XYZ	1.2764, 1.5185, 1.6647
YIQ	31.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

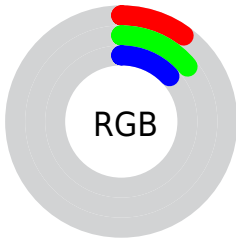
Format	Color
RYB	25, 31, 35
Decimal	1647393
CIELab	12.73, -4.97, -0.11
CIElCh	13, 4.970, 181.291
Yxy	1.5185, 0.2862, 0.3405
Android (android.graphics.Color)	4279837473 (0xFF192321)
YUV	31.7820, 0.6005, -5.9478
Hunter-Lab	12.3229, -3.0755, 0.6167

Details

The Hex color **192321** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23191B**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **444F4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **152320**, and if you desaturate by 10%, it is **1C2322**.

Distribution



Red (10%)

Green (14%)

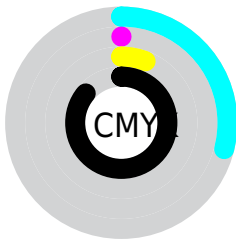
Blue (13%)



Red (10%)

Yellow (12%)

Blue (14%)

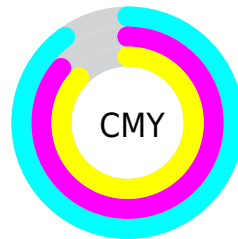


Cyan (29%)

Magenta (0%)

Yellow (6%)

Black (86%)



Cyan (90%)

Magenta (86%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 192321 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 192321 by changing the saturation by 10% instead.

■ 192321

■ 192321

■ FCFFFF

■ 000D0A

■ 444F4D

■ 000000

■ 5C6765

■ 74807E

■ 8E9A98

■ A8B5B2

■ C4D1CE

■ E0EDEA

■ 192321

■ 192321

■ 152320

■ 1C2322

■ 122320

■ 202322

■ 0E231F

■ 242323

■ 0B231E

■ 272324

■ 07231D

■ 2B2325

■ 04231D

■ 2E2325

■ 00231C

■ 322326

■ 352327

■ 392327

Harmonies

Analogous

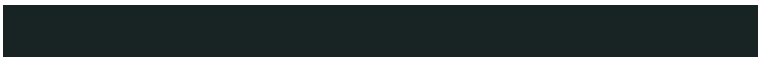
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1C231E



192321



182324

Triad

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



192321



222027



27201B

Complementary

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



192321



23191B

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.



281F1E



192321



261F24

Square

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



192321



1D2128



281F21



24211A

Rectangle

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



192321



192226



281F21



271F1C

Sweetspot

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



192321



2A2E2D



1B2319



141716



969696



171717

Same Dimension

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



192321



1E2E2B



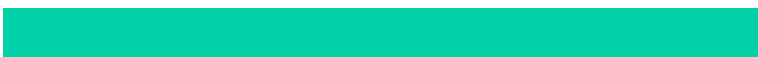
192023



101211



005241



00D1A7

Inverse Universe

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



23191B



2E1E21



231C19



121010



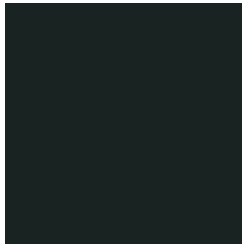
520010



D1002A

Previews

White Background



This preview shows how the Hex color 192321 looks on a white background.

Color Contrast Check

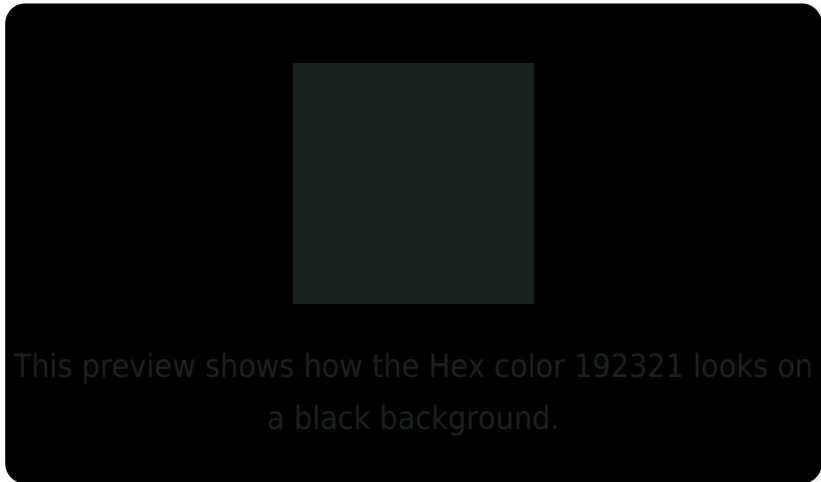
Large Text (above 18pt) WCAG AA ✓ Pass

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

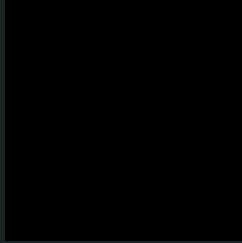
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

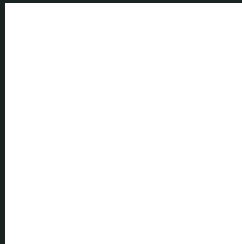
Any Text WCAG AAA × Fail

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

Hex 192321 Background



This preview shows how black text looks on a background with the Hex color 192321.

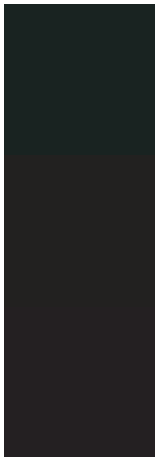


This preview shows how white text looks on a background with the Hex color 192321.

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
192321

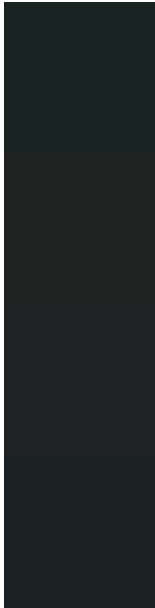
Protanopia
222120

Deuteranopia
242022



Tritanopia
1A2225

Trichromacy



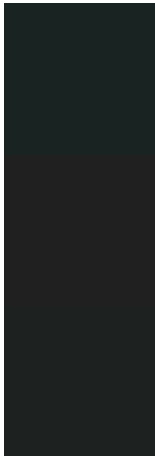
Original Color
192321

Protanomaly
1F2220

Deuteranomaly
202122

Tritanomaly
1A2224

Monochromacy



Original Color
192321

Achromatopsia
202020

Achromatomaly
1D2120

CSS Examples

Text

The CSS property to change the color of the text to Hex 192321 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 #192321 looks like.

```
.text, #text, p{  
    color:#192321  
}
```

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 #192321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #192321
}
```

Border

The CSS property to change the border of an element to Hex 192321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

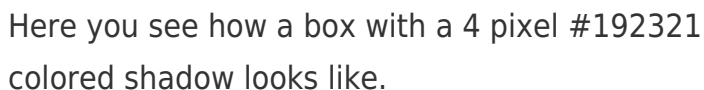
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#192321 }
```

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

```
.border{ border-color:#192321 }
```

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



Here you see how a box with a 4 pixel #192321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #192321; -webkit-box-shadow:4px 4px  
4px 4px #192321; box-shadow:4px 4px 4px  
4px #192321 }
```

Background

The CSS property to change the background color of an element to Hex 192321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#192321 }
```

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

```
.background{ background-color:#192321 }
```

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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