

Converting Colors

Hex(200F32)

Have a look what the booklet for
Hex(200F32) contains.

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Color

Hex(200F32)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 200F32 |
| RGB | 32, 15, 50 |
| RGB Percent | 13%, 6%, 20% |
| CMY | 0.8745, 0.9412, 0.8039 |
| CMYK | 0.36, 0.70, 0.00, 0.80 |
| HSL | 269°, 54%, 13% |
| HSV | 269°, 70%, 20% |
| XYZ | 1.3422, 0.8790, 3.1165 |
| YIQ | 24.0730, -1.1030, 14.4890 |

Conversions

Conversions Part 2

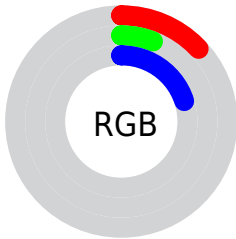
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 32, 15, 50 |
| Decimal | 2101042 |
| CIE Lab | 7.94, 17.66, -19.90 |
| CIE LCh | 8, 26.612, 311.591 |
| Yxy | 0.8790, 0.2515, 0.1647 |
| Android (android.graphics.Color) | 4280291122 (0xFF200F32) |
| YUV | 24.0730, 12.7820, 6.9520 |
| Hunter-Lab | 9.3756, 9.1469, -13.1457 |

Details

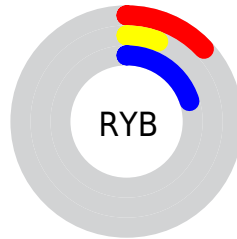
The Hex color **200F32** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **21320F**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **4E3961**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D0A32**, and if you desaturate by 10%, it is **231432**.

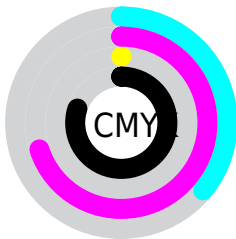
Distribution



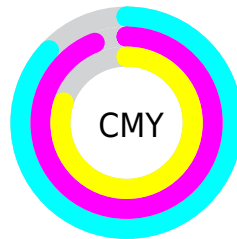
- Red (13%)
- Green (6%)
- Blue (20%)



- Red (13%)
- Yellow (6%)
- Blue (20%)



- Cyan (36%)
- Magenta (70%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (94%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200F32 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 200F32 by changing the saturation by 10% instead.

 200F32

 200F32

 FFEFFF

 04001D

 4E3961

 000000

 66517A

 806993

 9A82AE

 B59CCA

 D1B7E6

 EDD3FF

 200F32

 200F32

■ 1D0A32

■ 231432

■ 1B0532

■ 251932

■ 180032

■ 281E32

■ 2A2332

■ 2D2832

■ 2F2D32

■ 323232

■ 353732

■ 373C32

Harmonies

Analogous

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



00173A



200F32



310523

Triad

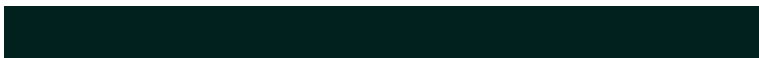
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200F32



271200



00211E

Complementary

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



200F32



21320F

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.



002007



200F32



181900

Square

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



200F32



320900



001D00



00202E

Rectangle

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



200F32



350217



001D00



002118

Sweetspot

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



200F32



393240



0F2132



1D1921



A1A1A1



212121

Same Dimension

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



200F32



240A40



310F32



18171A



2B0059



6900D9

Inverse Universe

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



320F21



400A26



10320F



1A1718



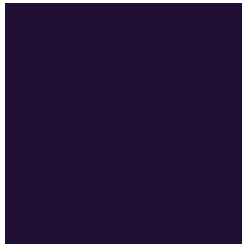
59002E



D9006F

Previews

White Background



This preview shows how the Hex color 200F32 looks on a white background.

Color Contrast Check

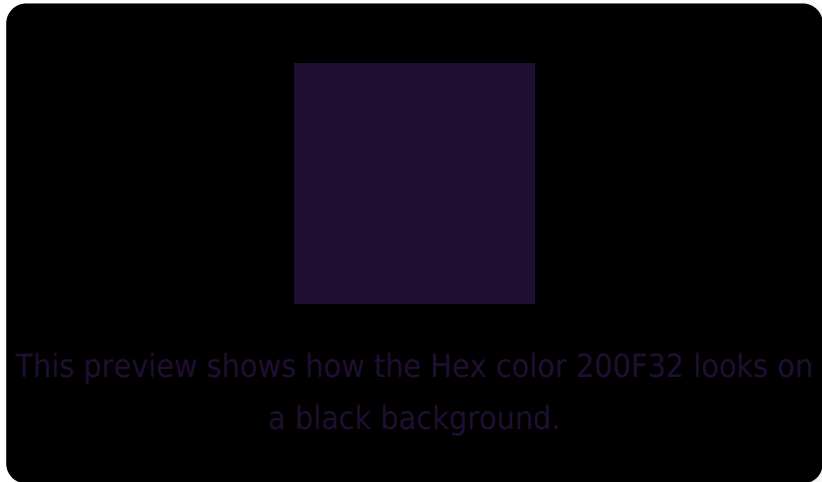
Large Text (above 18pt) WCAG AA ✓ Pass

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

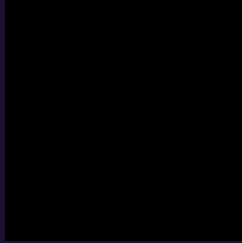
Any Text WCAG AA × Fail

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 200F32 Background



This preview shows how black text looks on a background with the Hex color 200F32.



This preview shows how white text looks on a background with the Hex color 200F32.

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
200F32

Protanopia
001732

Deuteranopia
00192B



Tritanopia
1B1719

Trichromacy



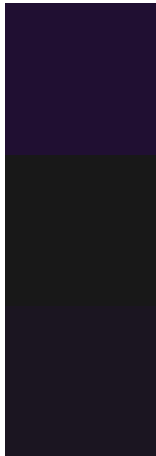
Original Color
200F32

Protanomaly
0C1432

Deuteranomaly
0C152E

Tritanomaly
1D1422

Monochromacy



Original Color
200F32

Achromatopsia
181818

Achromatomaly
1B1521

CSS Examples

Text

The CSS property to change the color of the text to Hex 200F32 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 #200F32 looks like.

```
.text, #text, p{  
  color:#200F32  
}
```

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 #200F32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200F32
}
```

Border

The CSS property to change the border of an element to Hex 200F32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

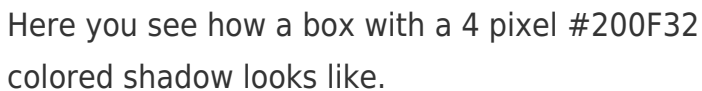
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#200F32 }
```

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

```
.border{ border-color:#200F32 }
```

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



Here you see how a box with a 4 pixel #200F32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200F32; -webkit-box-shadow:4px 4px  
4px 4px #200F32; box-shadow:4px 4px 4px  
4px #200F32 }
```

Background

The CSS property to change the background color of an element to Hex 200F32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200F32 }
```

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

```
.background{ background-color:#200F32 }
```

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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