

Converting Colors

Hex(200E32)

Have a look what the booklet for
Hex(200E32) contains.

Hex(200E32)	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(200E32)

Conversions

Conversions Part 1

Format	Color
Hex	200E32
RGB	32, 14, 50
RGB Percent	13%, 5%, 20%
CMY	0.8745, 0.9451, 0.8039
CMYK	0.36, 0.72, 0.00, 0.80
HSL	270°, 56%, 13%
HSV	270°, 72%, 20%
XYZ	1.3284, 0.8514, 3.1119
YIQ	23.4860, -0.8280, 15.0120

Conversions

Conversions Part 2

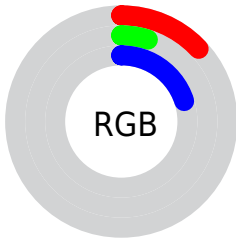
Format	Color
R_YB	32, 14, 50
Decimal	2100786
CIE Lab	7.69, 18.32, -20.30
CIE LCh	8, 27.348, 312.067
Yxy	0.8514, 0.2510, 0.1609
Android (android.graphics.Color)	4280290866 (0xFF200E32)
YUV	23.4860, 13.0714, 7.4668
Hunter-Lab	9.2274, 9.5500, -13.5365




Details

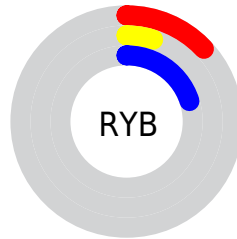
The Hex color **200E32** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **20320E**, and the grayscale version is **171717**.



A 20% lighter version of the original color is **4E3861**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E0932**, and if you desaturate by 10%, it is **231332**.

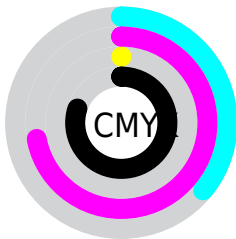
Distribution







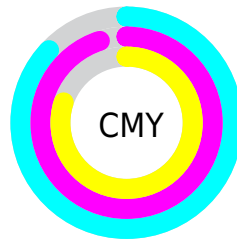
-  Red (13%)
-  Green (5%)
-  Blue (20%)






-  Red (13%)
-  Yellow (5%)
-  Blue (20%)



-  Cyan (36%)
-  Magenta (72%)
-  Yellow (0%)
-  Black (80%)



-  Cyan (87%)
-  Magenta (95%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200E32 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 200E32 by changing the saturation by 10% instead.

 200E32

 200E32

 FFEEFF

 03001D

 4E3861

 000000

 66507A

 806893

 9A81AE

 B59BCA

 D1B6E6

 EDD2FF

 200E32

 200E32

■ 1E0932

■ 231332

■ 1B0432

■ 251832

■ 190032

■ 281D32

■ 2A2232

■ 2D2732

■ 2F2C32

■ 323132

■ 343632

■ 373B32

Harmonies

Analogous

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



00173B



200E32



310422

Triad

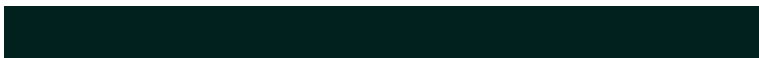
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200E32



271200



00211E

Complementary

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



200E32



20320E

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.



002006



200E32



171900

Square

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



200E32



320800



001D00



00202F

Rectangle

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



200E32



350116



001D00



002118

Sweetspot

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



200E32



393240



0E2032



1D1921



A1A1A1



212121

Same Dimension

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



200E32



240940



320E32



18171A



2D0059



6C00D9

Inverse Universe

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



320E20



400924



0E320E



1A1718



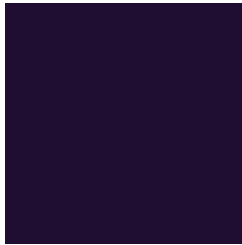
59002D



D9006C

Previews

White Background



This preview shows how the Hex color 200E32 looks on a white background.

Color Contrast Check

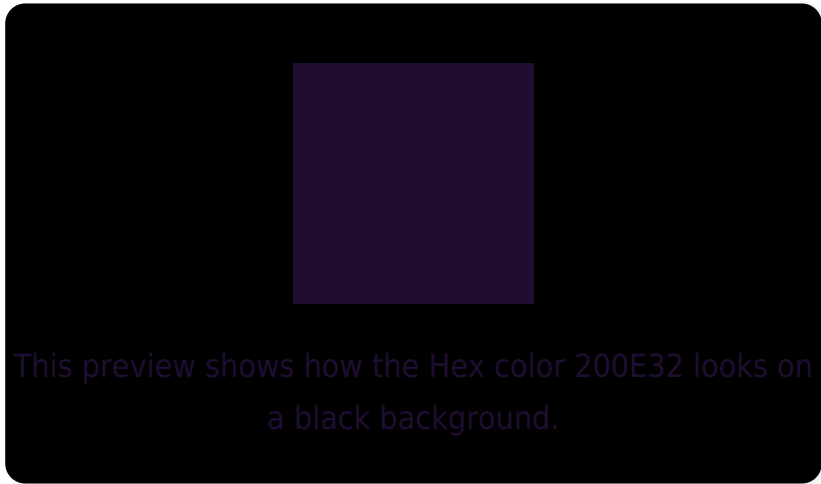
Large Text (above 18pt) WCAG AA ✓ Pass

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

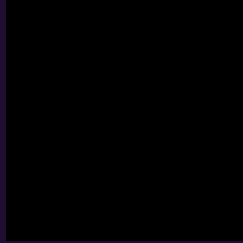
Any Text WCAG AA × Fail

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 200E32 Background



This preview shows how black text looks on a background with the Hex color 200E32.



This preview shows how white text looks on a background with the Hex color 200E32.

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
200E32

Protanopia
001731

Deuteranopia
00192B



Tritanopia
1B1719

Trichromacy



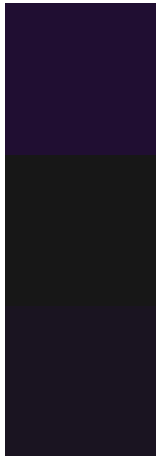
Original Color
200E32

Protanomaly
0C1431

Deuteranomaly
0C152E

Tritanomaly
1D1422

Monochromacy



Original Color
200E32

Achromatopsia
171717

Achromatomaly
1A1421

CSS Examples

Text

The CSS property to change the color of the text to Hex 200E32 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 #200E32 looks like.

```
.text, #text, p{  
  color:#200E32  
}
```

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 #200E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200E32
}
```

Border

The CSS property to change the border of an element to Hex 200E32 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".

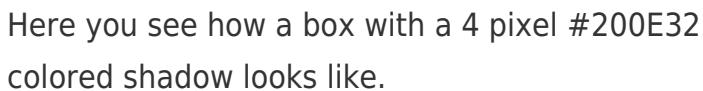
```
.border, #border, table{ border:4px solid
#200E32 }
```

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

```
.border{ border-color:#200E32 }
```

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

Here you see how a box with a 4 pixel #200E32 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200E32; -webkit-box-shadow:4px 4px  
4px 4px #200E32; box-shadow:4px 4px 4px  
4px #200E32 }
```

Background

The CSS property to change the background color of an element to Hex 200E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200E32 }
```

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

```
.background{ background-color:#200E32 }
```

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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