

# Converting Colors

Hex(200728)

Have a look what the booklet for  
Hex(200728) contains.

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# Color

**Hex(200728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	200728
RGB	32, 7, 40
RGB Percent	13%, 3%, 16%
CMY	0.8745, 0.9725, 0.8431
CMYK	0.20, 0.82, 0.00, 0.84
HSL	285°, 70%, 9%
HSV	285°, 82%, 16%
XYZ	1.0546, 0.6122, 2.0701
YIQ	18.2370, 4.3070, 15.5630

# Conversions

## Conversions Part 2

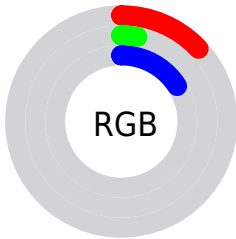
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 7, 40
Decimal	2098984
CIE Lab	5.53, 18.72, -16.26
CIE LCh	6, 24.793, 319.024
Yxy	0.6122, 0.2822, 0.1638
Android (android.graphics.Color)	4280289064 (0xFF200728)
YUV	18.2370, 10.7292, 12.0702
Hunter-Lab	7.8245, 10.3665, -10.2086

# Details

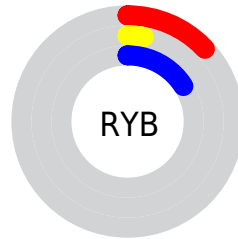
The Hex color **200728** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F2807**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **4D3355**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F0328**, and if you desaturate by 10%, it is **210B28**.

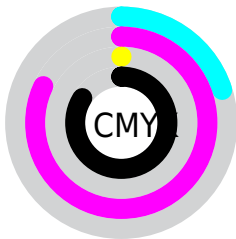
# Distribution



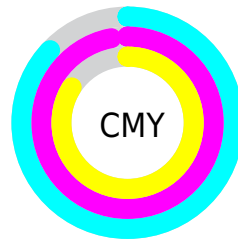
- Red (13%)
- Green (3%)
- Blue (16%)



- Red (13%)
- Yellow (3%)
- Blue (16%)



- Cyan (20%)
- Magenta (82%)
- Yellow (0%)
- Black (84%)



- Cyan (87%)
- Magenta (97%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 200728 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 200728 by changing the saturation by 10% instead.



 200728

 200728

 FFE7FF

 000113

 4D3355

 000000

 654A6E

 7E6287

 997BA1

 B495BC

 CFAFD8

 ECCBF5

 200728

 200728

■ 1F0328

■ 210B28

■ 1E0028

■ 220F28

■ 231328

■ 241728

■ 251B28

■ 261F28

■ 272328

■ 282728

■ 292B28

# Harmonies

## Analogous

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



031031



200728



2C0019

# Triad

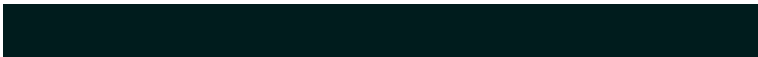
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200728



1E0F00



001C1D

# Complementary

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



200728



0F2807

# 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.



001C08



200728



0A1500

# Square

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



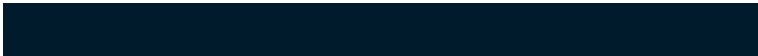
200728



290600



001A00



001B2B

# Rectangle

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



200728



2F000C



001A00



001C17



# Sweetspot

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



200728



302633



070F28



18121A



999999



1A1A1A



# Same Dimension

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



200728



270133



280720



141214



400054



A000D4



# Inverse Universe

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



28070F



33010D



07280F



141213



540014

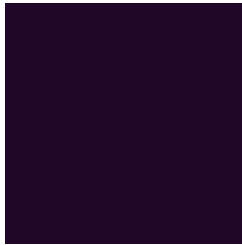


D40033



# Previews

## White Background



This preview shows how the Hex color 200728 looks on a white background.

## Color Contrast Check

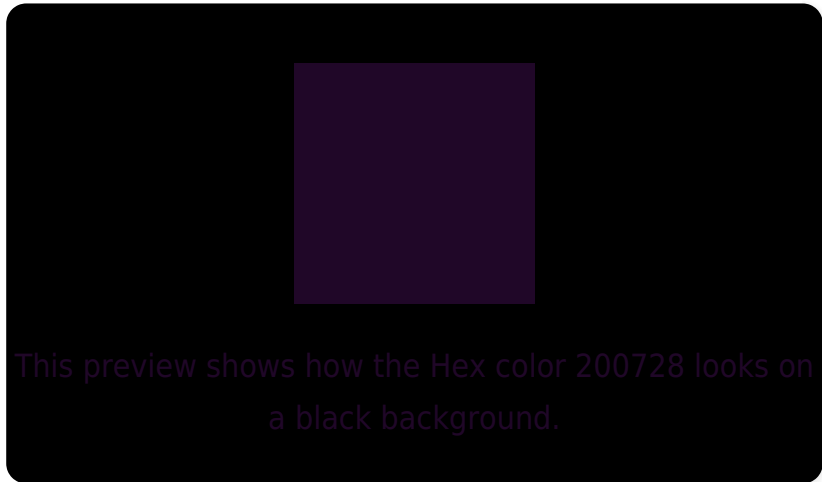
Large Text (above 18pt) WCAG AA ✓ Pass

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

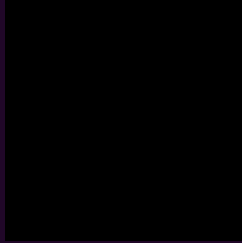
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 200728 Background



This preview shows how black text looks on a background with the Hex color 200728.



This preview shows how white text looks on a background with the Hex color 200728.

# 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**  
200728

**Protanopia**  
001429

**Deuteranopia**  
001524



**Tritanopia**  
1D1112

# Trichromacy



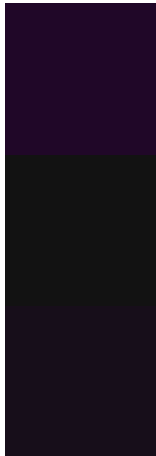
**Original Color**  
200728

**Protanomaly**  
0C0F29

**Deuteranomaly**  
0C1025

**Tritanomaly**  
1E0D1A

# Monochromacy



**Original Color**  
200728

**Achromatopsia**  
121212

**Achromatomaly**  
170E1A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 200728 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 #200728 looks like.

```
.text, #text, p{  
    color:#200728  
}
```

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 #200728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200728
}
```

## Border

The CSS property to change the border of an element to Hex 200728 is called "border". The border property can be set on classes, ids or directly on the HTML element.

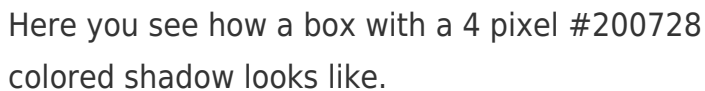
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#200728 }
```

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

```
.border{ border-color:#200728 }
```

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



Here you see how a box with a 4 pixel #200728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200728; -webkit-box-shadow:4px 4px  
4px 4px #200728; box-shadow:4px 4px 4px  
4px #200728 }
```

# Background

The CSS property to change the background color of an element to Hex 200728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200728 }
```

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

```
.background{ background-color:#200728 }
```

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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