

# Converting Colors

Hex(203808)

Have a look what the booklet for  
Hex(203808) contains.

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# Color

**Hex(203808)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	203808
RGB	32, 56, 8
RGB Percent	13%, 22%, 3%
CMY	0.8745, 0.7804, 0.9686
CMYK	0.43, 0.00, 0.86, 0.78
HSL	90°, 75%, 13%
HSV	90°, 86%, 22%
XYZ	2.0537, 3.1530, 0.7301
YIQ	43.3520, 1.1040, -20.0160

# Conversions

## Conversions Part 2

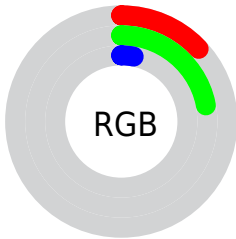
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	8, 56, 32
Decimal	2111496
CIE <sub>Lab</sub>	20.65, -18.70, 25.15
CIE <sub>LCh</sub>	21, 31.342, 126.621
Yxy	3.1530, 0.3459, 0.5311
Android (android.graphics.Color)	4280301576 (0xFF203808)
YUV	43.3520, -17.4285, -9.9557
Hunter-Lab	17.7566, -10.4292, 9.9919

# Details

The Hex color **203808** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **200838**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4F6735**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **1D3802**, and if you desaturate by 10%, it is **23380E**.

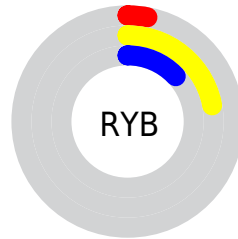
# Distribution



Red (13%)

Green (22%)

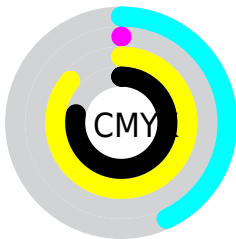
Blue (3%)



Red (3%)

Yellow (22%)

Blue (13%)

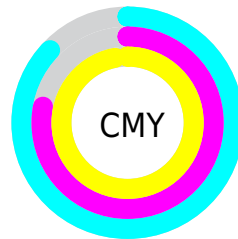


Cyan (43%)

Magenta (0%)

Yellow (86%)

Black (78%)



Cyan (87%)

Magenta (78%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 203808 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 203808 by changing the saturation by 10% instead.



 203808

 203808

 FFFFEB

 092200

 4F6735

 000400

 67804D

 000000

 819A65

 9BB57E

 B7D198

 D2EDB3

 EFFFCE

 203808

 203808

■ 1D3802

■ 23380E

■ 1C3800

■ 263813

■ 283819

■ 2B381E

■ 2E3824

■ 31382A

■ 34382F

■ 363835

■ 39383A

# Harmonies

## Analogous

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



393200



203808



003B1E

# Triad

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



203808



00395C



5B1A2E

# Complementary

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



203808



200838

# 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.



511F44



203808



003360

# Square

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



203808



003C4D



392957



582017

# Rectangle

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



203808



003C2E



392957



591B35



# Sweetspot

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



203808



404A37



382008



20261A



A6A6A6



262626



# Same Dimension

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



203808



254A00



083808



1B1C19



2E5C00



6EDB00



# Inverse Universe

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



200838



25004A



380838



1B191C



2E005C



6E00DB



# Previews

## White Background



This preview shows how the Hex color 203808 looks on a white background.

## Color Contrast Check

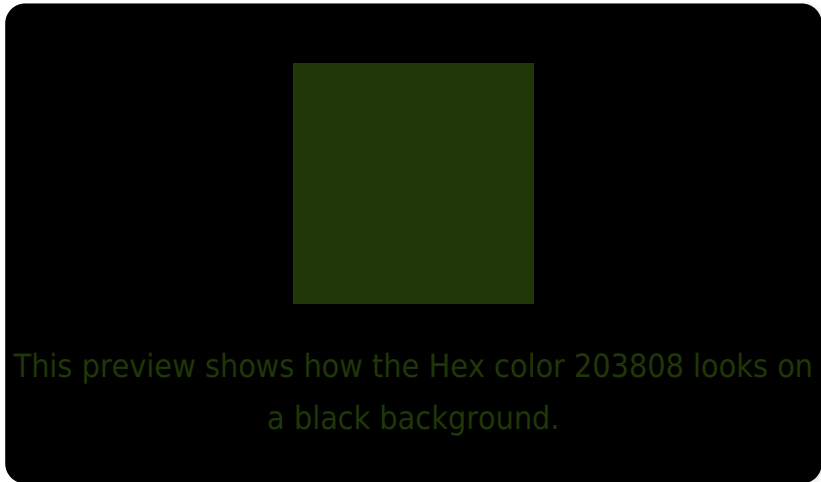
Large Text (above 18pt) WCAG AA ✓ Pass

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

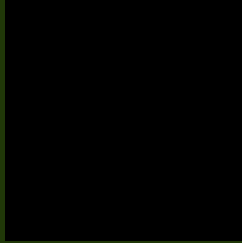
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 203808 Background



This preview shows how black text looks on a background with the Hex color 203808.



This preview shows how white text looks on a background with the Hex color 203808.

# 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](#).

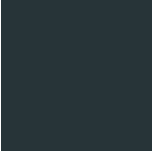
## Dichromacy



**Original Color**  
203808

**Protanopia**  
383206

**Deuteranopia**  
3F2F0D



**Tritanopia**  
273438

# Trichromacy



**Original Color**  
203808

**Protanomaly**  
2F3407

**Deuteranomaly**  
34320B

**Tritanomaly**  
243527

# Monochromacy



**Original Color**  
203808

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
27301E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 203808 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 #203808 looks like.

```
.text, #text, p{  
    color:#203808  
}
```

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 #203808 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203808
}
```

## Border

The CSS property to change the border of an element to Hex 203808 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".

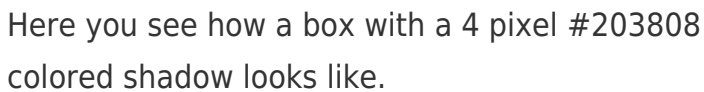
```
.border, #border, table{ border:4px solid
#203808 }
```

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

```
.border{ border-color:#203808 }
```

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

Here you see how a box with a 4 pixel #203808 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203808; -webkit-box-shadow:4px 4px  
4px 4px #203808; box-shadow:4px 4px 4px  
4px #203808 }
```

# Background

The CSS property to change the background color of an element to Hex 203808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203808 }
```

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

```
.background{ background-color:#203808 }
```

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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