

Converting Colors

Hex(203D0F)

Have a look what the booklet for
Hex(203D0F) contains.

Hex(203D0F)	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(203D0F)

Conversions

Conversions Part 1

Format	Color
Hex	203D0F
RGB	32, 61, 15
RGB Percent	13%, 24%, 6%
CMY	0.8745, 0.7608, 0.9412
CMYK	0.48, 0.00, 0.75, 0.76
HSL	98°, 61%, 15%
HSV	98°, 75%, 24%
XYZ	2.3506, 3.6791, 1.0382
YIQ	47.0850, -2.5180, -20.4540

Conversions

Conversions Part 2

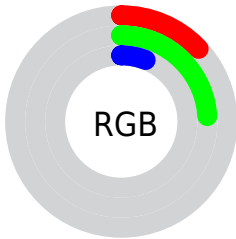
Format	Color
RYB	15, 61, 44
Decimal	2112783
CIELab	22.58, -20.62, 24.11
CIELCh	23, 31.725, 130.542
Yxy	3.6791, 0.3326, 0.5205
Android (android.graphics.Color)	4280302863 (0xFF203D0F)
YUV	47.0850, -15.8179, -13.2295
Hunter-Lab	19.1809, -11.6912, 10.2175

Details

The Hex color **203D0F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C0F3D**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4F6D3B**, and **001000** is the 20% darker color. If you saturate the color by 10%, you get **1C3D09**, and if you desaturate by 10%, it is **243D15**.

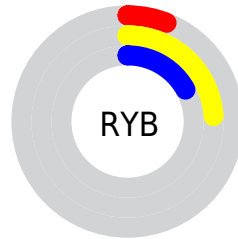
Distribution



Red (13%)

Green (24%)

Blue (6%)



Red (6%)

Yellow (24%)

Blue (17%)

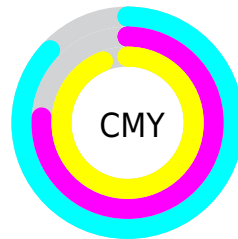


Cyan (48%)

Magenta (0%)

Yellow (75%)

Black (76%)



Cyan (87%)

Magenta (76%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 203D0F 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 203D0F by changing the saturation by 10% instead.

 203D0F

 203D0F

 FFFFF3

 0C2700

 4F6D3B

 001000

 688653

 000000

 82A06C

 9CBC85

 B7D7A0

 D3F4BB

 F0FFD6

 203D0F

 203D0F

■ 1C3D09

■ 243D15

■ 183D03

■ 283D1B

■ 173D00

■ 2C3D21

■ 2F3D27

■ 333D2E

■ 373D34

■ 3B3D3A

■ 3F3D40

■ 433D46

Harmonies

Analogous

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



3A3700



203D0F



004025

Triad

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



203D0F



003D62



601F2F

Complementary

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



203D0F



2C0F3D

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.



582246



203D0F



113665

Square

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



203D0F



004054



422C5A



5C2518

Rectangle

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



203D0F



004136



422C5A



5F1F37

Sweetspot

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



203D0F



444F3D



3D2B0F



22291D



A8A8A8



292929

Same Dimension

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



203D0F



224F08



0F3D14



1D1F1C



235E00



52DE00

Inverse Universe

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



2C0F3D



35084F



3D0F38



1D1C1F



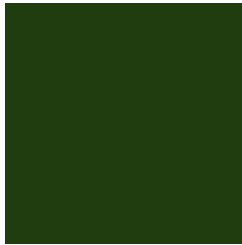
3B005E



8C00DE

Previews

White Background



This preview shows how the Hex color 203D0F looks on a white background.

Color Contrast Check

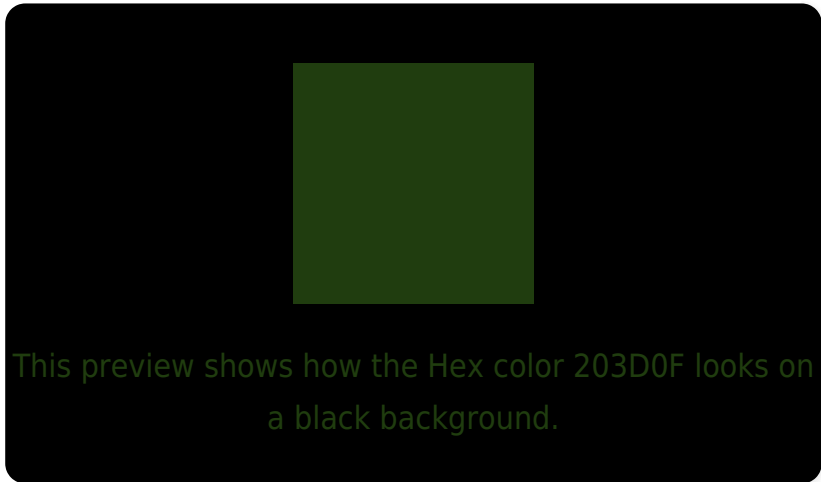
Large Text (above 18pt) WCAG AA ✓ Pass

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

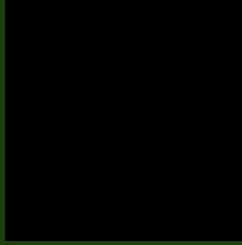
Any Text WCAG AA × Fail

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 203D0F Background



This preview shows how black text looks on a background with the Hex color 203D0F.



This preview shows how white text looks on a background with the Hex color 203D0F.

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](#).

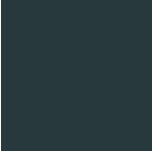
Dichromacy



Original Color
203D0F

Protanopia
3D360D

Deuteranopia
433313



Tritanopia
28393D

Trichromacy



Original Color
203D0F

Protanomaly
32390E

Deuteranomaly
363712

Tritanomaly
253A2C

Monochromacy



Original Color
203D0F

Achromatopsia
2F2F2F

Achromatomaly
2A3423

CSS Examples

Text

The CSS property to change the color of the text to Hex 203D0F 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 #203D0F looks like.

```
.text, #text, p{  
    color:#203D0F  
}
```

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 #203D0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203D0F
}
```

Border

The CSS property to change the border of an element to Hex 203D0F 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
#203D0F }
```

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

```
.border{ border-color:#203D0F }
```

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

Here you see how a box with a 4 pixel #203D0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203D0F; -webkit-box-shadow:4px 4px  
4px 4px #203D0F; box-shadow:4px 4px 4px  
4px #203D0F }
```

Background

The CSS property to change the background color of an element to Hex 203D0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203D0F }
```

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

```
.background{ background-color:#203D0F }
```

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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