

Converting Colors

Hex(204F20)

Have a look what the booklet for
Hex(204F20) contains.

Hex(204F20)	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(204F20)

Conversions

Conversions Part 1

Format	Color
Hex	204F20
RGB	32, 79, 32
RGB Percent	13%, 31%, 13%
CMY	0.8745, 0.6902, 0.8745
CMYK	0.59, 0.00, 0.59, 0.69
HSL	120°, 42%, 22%
HSV	120°, 59%, 31%
XYZ	3.6524, 6.0033, 2.3328
YIQ	59.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

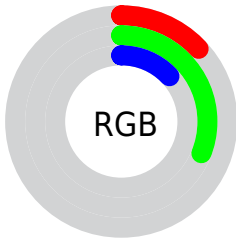
Format	Color
R_{YB}	32, 79, 79
Decimal	2117408
CIE _{Lab}	29.42, -27.05, 22.76
CIE _{LCh}	29, 35.357, 139.921
Yxy	6.0033, 0.3047, 0.5008
Android (android.graphics.Color)	4280307488 (0xFF204F20)
YUV	59.5890, -13.6014, -24.1956
Hunter-Lab	24.5017, -16.2697, 11.5063




Details

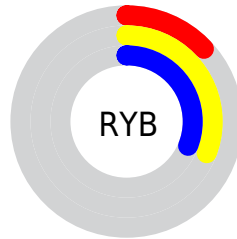
The Hex color **204F20** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F204F**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **51814E**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **184F18**, and if you desaturate by 10%, it is **284F28**.

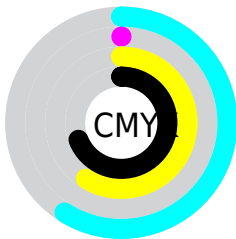
Distribution







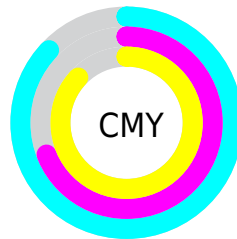
-  Red (13%)
-  Green (31%)
-  Blue (13%)






-  Red (13%)
-  Yellow (31%)
-  Blue (31%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (59%)
-  Black (69%)



-  Cyan (87%)
-  Magenta (69%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204F20 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 204F20 by changing the saturation by 10% instead.

 204F20

 204F20

FFFFFF

 04380A

 51814E

 002300

 6B9B66

 000000

 85B67F

 9FD299

 BBEEB4

 D7FFD0

 F4FFEC

 204F20

 204F20

■ 184F18

■ 284F28

■ 104F10

■ 304F30

■ 084F08

■ 384F38

■ 004F00

■ 404F40

■ 484F48

■ 4F4F4F

■ 574F57

■ 5F4F5F

■ 674F67

Harmonies

Analogous

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



42490C



204F20



00523B

Triad

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



204F20



004B7B



772D34

Complementary

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



204F20



4F204F

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.



722C50



204F20



344279

Square

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



204F20



00506F



5D3669



6E361C

Rectangle

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



204F20



00524E



5D3669



772B3D

Sweetspot

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



204F20



546654



4F4F20



283328



B3B3B3



333333

Same Dimension

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



204F20



1E661E



204F38



222622



006600



00E600

Inverse Universe

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



4F204F



661E66



4F2038



262226



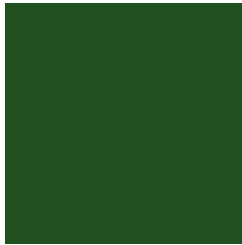
660066



E600E6

Previews

White Background



This preview shows how the Hex color 204F20 looks on a white background.

Color Contrast Check

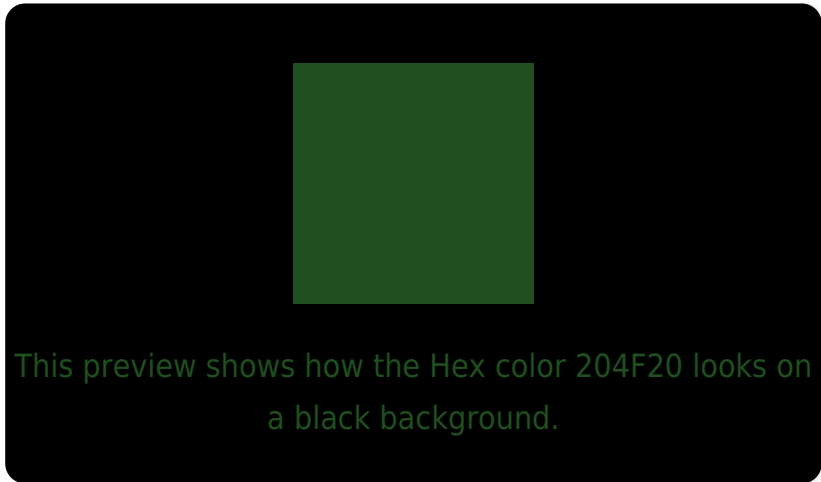
Large Text (above 18pt) WCAG AA ✓ Pass

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

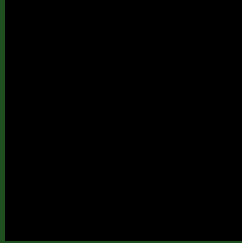
Any Text WCAG AA × Fail

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 204F20 Background



This preview shows how black text looks on a background with the Hex color 204F20.



This preview shows how white text looks on a background with the Hex color 204F20.

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
204F20

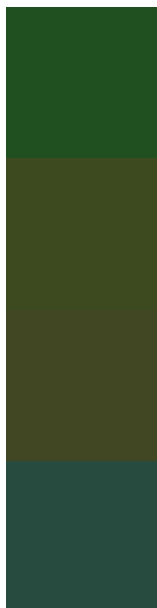
Protanopia
4D451D

Deuteranopia
554224



Tritanopia
2B4A50

Trichromacy



Original Color

204F20

Protanomaly

3D491E

Deuteranomaly

424723

Tritanomaly

274C3F

Monochromacy



Original Color

204F20

Achromatopsia

3C3C3C

Achromatomaly

324332

CSS Examples

Text

The CSS property to change the color of the text to Hex 204F20 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 #204F20 looks like.

```
.text, #text, p{  
    color:#204F20  
}
```

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 #204F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204F20  
}
```

Border

The CSS property to change the border of an element to Hex 204F20 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  
#204F20 }
```

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

```
.border{ border-color:#204F20 }
```

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

Here you see how a box with a 4 pixel #204F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204F20; -webkit-box-shadow:4px 4px  
4px 4px #204F20; box-shadow:4px 4px 4px  
4px #204F20 }
```

Background

The CSS property to change the background color of an element to Hex 204F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204F20 }
```

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

```
.background{ background-color:#204F20 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor