

Converting Colors

Hex(204F2C)

Have a look what the booklet for
Hex(204F2C) contains.

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Color

Hex(204F2C)

Conversions

Conversions Part 1

Format	Color
Hex	204F2C
RGB	32, 79, 44
RGB Percent	13%, 31%, 17%
CMY	0.8745, 0.6902, 0.8275
CMYK	0.59, 0.00, 0.44, 0.69
HSL	135°, 42%, 22%
HSV	135°, 59%, 31%
XYZ	3.8463, 6.0809, 3.3539
YIQ	60.9570, -16.7770, -20.8490

Conversions

Conversions Part 2

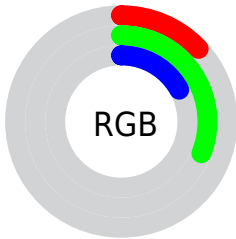
Format	Color
R_YB	32, 69, 79
Decimal	2117420
CIE _{Lab}	29.62, -24.96, 15.95
CIE _{LCh}	30, 29.622, 147.413
Yxy	6.0809, 0.2896, 0.4579
Android (android.graphics.Color)	4280307500 (0xFF204F2C)
YUV	60.9570, -8.3598, -25.3953
Hunter-Lab	24.6595, -15.3124, 9.1977

Details

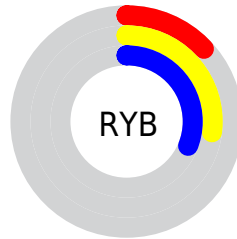
The Hex color **204F2C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F2043**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **51815A**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **184F26**, and if you desaturate by 10%, it is **284F32**.

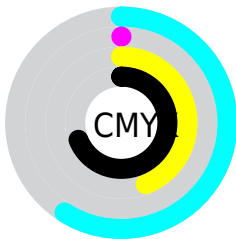
Distribution



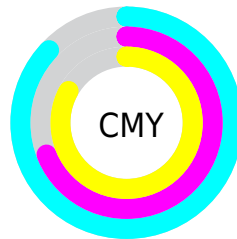
- Red (13%)
- Green (31%)
- Blue (17%)



- Red (13%)
- Yellow (27%)
- Blue (31%)



- Cyan (59%)
- Magenta (0%)
- Yellow (44%)
- Black (69%)



- Cyan (87%)
- Magenta (69%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204F2C 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 204F2C by changing the saturation by 10% instead.

 204F2C

 204F2C

FFFFFF

 053817

 51815A

 002200

 6A9B73

 000000

 84B68C

 9FD2A7

 BAEEC2

 D6FFDE

 F3FFFB

 204F2C

 204F2C

■ 184F26

■ 284F32

■ 104F20

■ 304F38

■ 084F1A

■ 384F3E

■ 004F14

■ 404F44

■ 484F49

■ 4F4F4F

■ 574F55

■ 5F4F5B

■ 674F61

Harmonies

Analogous

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



3E4B1B



204F2C



005143

Triad

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



204F2C



0D4974



703432

Complementary

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



204F2C



4F2043

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.



6E3249



204F2C



44416F

Square

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



204F2C



004E6C



60375F



663B1F

Rectangle

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



204F2C



005153



60375F



713239

Sweetspot

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



204F2C



546658



434F20



28332B



B3B3B3



333333

Same Dimension

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



204F2C



1E6630



204F43



222623



00661A



00E63B

Inverse Universe

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



4F2043



661E54



4F202C



262225



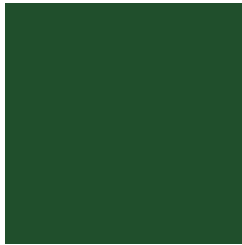
66004C



E600AB

Previews

White Background



This preview shows how the Hex color 204F2C looks on a white background.

Color Contrast Check

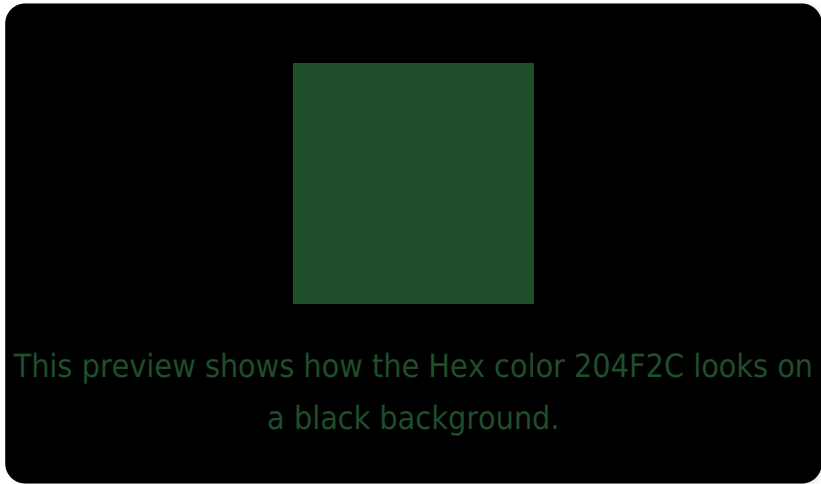
Large Text (above 18pt) WCAG AA ✓ Pass

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

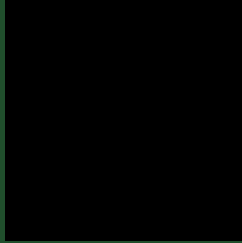
Any Text WCAG AA × Fail

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 204F2C Background



This preview shows how black text looks on a background with the Hex color 204F2C.



This preview shows how white text looks on a background with the Hex color 204F2C.

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
204F2C

Protanopia
4C4628

Deuteranopia
53432F



Tritanopia
2A4B51

Trichromacy



Original Color
204F2C

Protanomaly
3C4929

Deuteranomaly
40472E

Tritanomaly
264C44

Monochromacy



Original Color
204F2C

Achromatopsia
3D3D3D

Achromatomaly
324437

CSS Examples

Text

The CSS property to change the color of the text to Hex 204F2C 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 #204F2C looks like.

```
.text, #text, p{  
    color:#204F2C  
}
```

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 #204F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204F2C
}
```

Border

The CSS property to change the border of an element to Hex 204F2C 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".

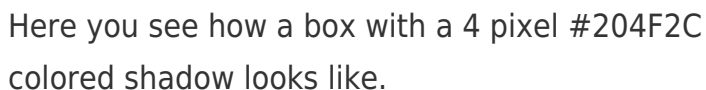
```
.border, #border, table{ border:4px solid
#204F2C }
```

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

```
.border{ border-color:#204F2C }
```

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

Here you see how a box with a 4 pixel #204F2C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204F2C; -webkit-box-shadow:4px 4px  
4px 4px #204F2C; box-shadow:4px 4px 4px  
4px #204F2C }
```

Background

The CSS property to change the background color of an element to Hex 204F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204F2C }
```

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

```
.background{ background-color:#204F2C }
```

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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