

Converting Colors

Hex(205148)

Have a look what the booklet for
Hex(205148) contains.

Hex(205148)	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(205148)

Conversions

Conversions Part 1

Format	Color
Hex	205148
RGB	32, 81, 72
RGB Percent	13%, 32%, 28%
CMY	0.8745, 0.6824, 0.7176
CMYK	0.60, 0.00, 0.11, 0.68
HSL	169°, 43%, 22%
HSV	169°, 60%, 32%
XYZ	4.7078, 6.6598, 7.1682
YIQ	65.3230, -26.3150, -13.1870

Conversions

Conversions Part 2

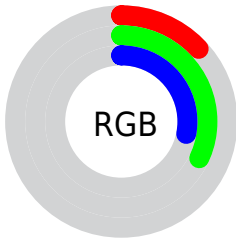
Format	Color
R_{YB}	32, 59, 81
Decimal	2117960
CIE _{Lab}	31.02, -19.05, 0.31
CIE _{LCh}	31, 19.049, 179.064
Yxy	6.6598, 0.2540, 0.3593
Android (android.graphics.Color)	4280308040 (0xFF205148)
YUV	65.3230, 3.2918, -29.2243
Hunter-Lab	25.8066, -12.5986, 1.5958




Details

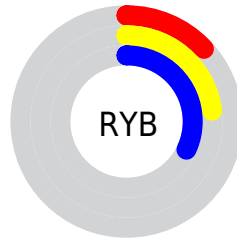
The Hex color **205148** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **512029**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **528378**, and **00241D** is the 20% darker color. If you saturate the color by 10%, you get **185147**, and if you desaturate by 10%, it is **285149**.

Distribution







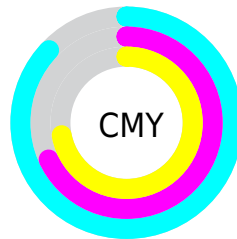
-  Red (13%)
-  Green (32%)
-  Blue (28%)






-  Red (13%)
-  Yellow (23%)
-  Blue (32%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (68%)



-  Cyan (87%)
-  Magenta (68%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205148 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 205148 by changing the saturation by 10% instead.

■ 205148

■ 205148

FFFFFF

■ 033A32

■ 528378

■ 00241D

■ 6B9D92

■ 000703

■ 85B8AD

■ 000000

■ A0D4C8

■ BCF0E4

■ D8FFFF

■ F4FFFF

■ 205148

■ 205148

■ 185147

■ 285149

■ 105145

■ 30514B

■ 085144

■ 38514C

■ 005142

■ 40514E

■ 49514F

■ 515151

■ 595152

■ 615154

■ 695155

Harmonies

Analogous

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



325039



205148



125157

Triad

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



205148



4A4563



5F4330

Complementary

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



205148



512029

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.



663F3B



205148



5B4059

Square

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



205148



334B67



653E4A



53482B

Rectangle

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



205148



164F5F



653E4A



624133

Sweetspot

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



205148



566965



2A5120



2A3633



B5B5B5



363636

Same Dimension

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



205148



1C695B



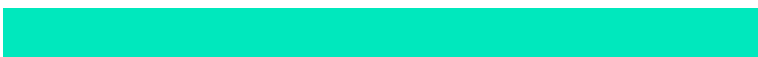
204251



252928



006955



00E8BD

Inverse Universe

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



512029



691C2A



512F20



292525



690013



E8002B

Previews

White Background



This preview shows how the Hex color 205148 looks on a white background.

Color Contrast Check

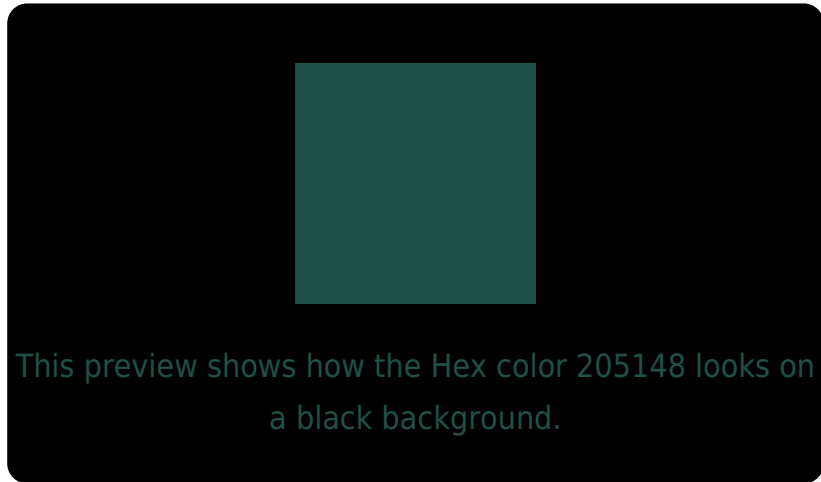
Large Text (above 18pt) WCAG AA ✓ Pass

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

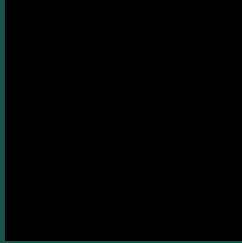
Any Text WCAG AA × Fail

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 205148 Background



This preview shows how black text looks on a background with the Hex color 205148.



This preview shows how white text looks on a background with the Hex color 205148.

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](#).

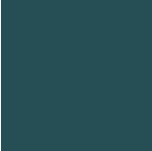
Dichromacy



Original Color
205148

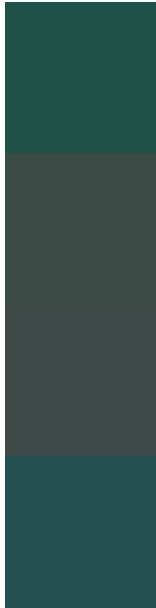
Protanopia
4B4843

Deuteranopia
4F474A



Tritanopia
254F55

Trichromacy



Original Color
205148

Protanomaly
3B4B45

Deuteranomaly
3E4B49

Tritanomaly
235050

Monochromacy



Original Color
205148

Achromatopsia
414141

Achromatomaly
354744

CSS Examples

Text

The CSS property to change the color of the text to Hex 205148 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 #205148 looks like.

```
.text, #text, p{  
    color:#205148  
}
```

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 #205148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205148  
}
```

Border

The CSS property to change the border of an element to Hex 205148 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  
#205148 }
```

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

```
.border{ border-color:#205148 }
```

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

Here you see how a box with a 4 pixel #205148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205148; -webkit-box-shadow:4px 4px  
4px 4px #205148; box-shadow:4px 4px 4px  
4px #205148 }
```

Background

The CSS property to change the background color of an element to Hex 205148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205148 }
```

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

```
.background{ background-color:#205148 }
```

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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