

Converting Colors

Hex(205240)

Have a look what the booklet for
Hex(205240) contains.

Hex(205240)	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(205240)

Conversions

Conversions Part 1

Format	Color
Hex	205240
RGB	32, 82, 64
RGB Percent	13%, 32%, 25%
CMY	0.8745, 0.6784, 0.7490
CMYK	0.61, 0.00, 0.22, 0.68
HSL	158°, 44%, 22%
HSV	158°, 61%, 32%
XYZ	4.5384, 6.7118, 5.9068
YIQ	64.9980, -24.0220, -16.1980

Conversions

Conversions Part 2

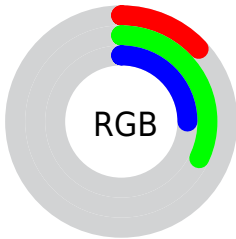
Format	Color
R_{YB}	32, 62, 82
Decimal	2118208
CIE _{Lab}	31.14, -21.80, 5.57
CIE _{LCh}	31, 22.502, 165.675
Yxy	6.7118, 0.2645, 0.3912
Android (android.graphics.Color)	4280308288 (0xFF205240)
YUV	64.9980, -0.4920, -28.9392
Hunter-Lab	25.9072, -14.0683, 4.6170

Details

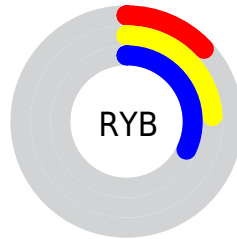
The Hex color **205240** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **522032**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **518470**, and **002516** is the 20% darker color. If you saturate the color by 10%, you get **18523D**, and if you desaturate by 10%, it is **285243**.

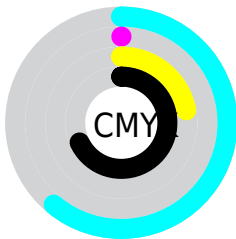
Distribution



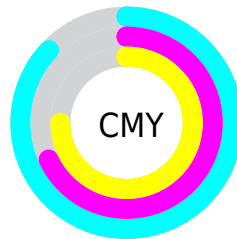
- Red (13%)
- Green (32%)
- Blue (25%)



- Red (13%)
- Yellow (24%)
- Blue (32%)



- Cyan (61%)
- Magenta (0%)
- Yellow (22%)
- Black (68%)



- Cyan (87%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205240 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 205240 by changing the saturation by 10% instead.

■ 205240

■ 205240

FFFFFF

■ 043B2A

■ 518470

■ 002516

■ 6B9E89

■ 000800

■ 85B9A3

■ 000000

■ A0D5BE

■ BBF1DA

■ D7FFF7

■ F4FFFF

■ 205240

■ 205240

■ 18523D

■ 285243

■ 10523A

■ 305246

■ 075237

■ 395249

■ 005234

■ 41524C

■ 49524F

■ 515252

■ 595255

■ 625258

■ 6A525B

Harmonies

Analogous

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



385030



205240



005352

Triad

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



205240



3E486B



673F31

Complementary

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



205240



522032

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.



6B3C41



205240



574162

Square

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



205240



1E4E6B



663C52



5C4527

Rectangle

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



205240



00525D



663C52



6A3E36

Sweetspot

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



205240



586B64



325220



2A3631



B5B5B5



363636

Same Dimension

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



205240



1D6B4F



204B52



252927



006943



00E895

Inverse Universe

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



522032



6B1D39



522720



292526



690026



E80054

Previews

White Background



This preview shows how the Hex color 205240 looks on a white background.

Color Contrast Check

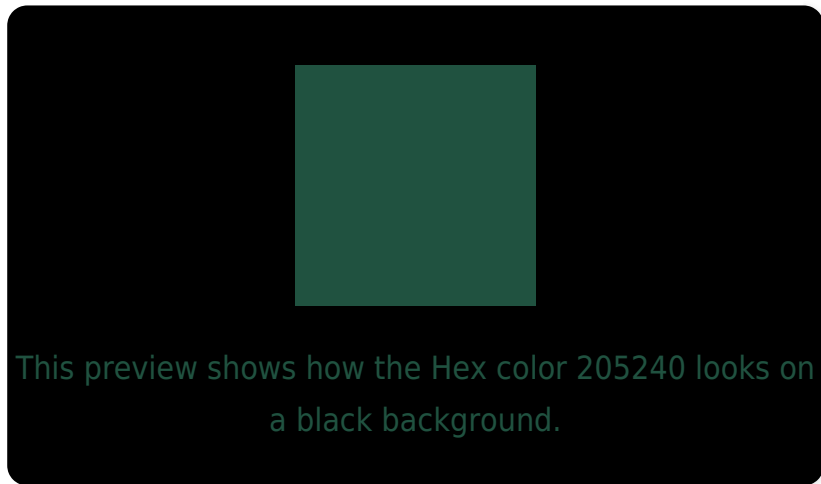
Large Text (above 18pt) WCAG AA ✓ Pass

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

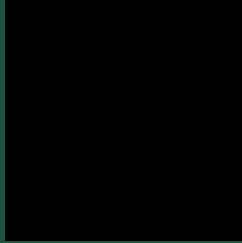
Any Text WCAG AA × Fail

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 205240 Background



This preview shows how black text looks on a background with the Hex color 205240.



This preview shows how white text looks on a background with the Hex color 205240.

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](#).

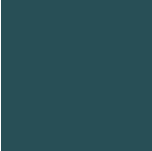
Dichromacy



Original Color
205240

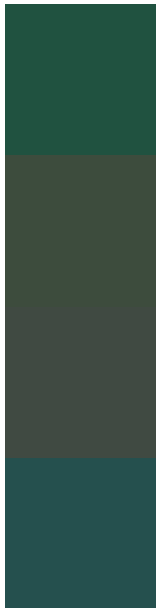
Protanopia
4D493C

Deuteranopia
534643



Tritanopia
284F56

Trichromacy



Original Color
205240

Protanomaly
3D4C3D

Deuteranomaly
404A42

Tritanomaly
25504E

Monochromacy



Original Color
205240

Achromatopsia
414141

Achromatomaly
354741

CSS Examples

Text

The CSS property to change the color of the text to Hex 205240 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 #205240 looks like.

```
.text, #text, p{  
    color:#205240  
}
```

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 #205240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205240
}
```

Border

The CSS property to change the border of an element to Hex 205240 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
#205240 }
```

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

```
.border{ border-color:#205240 }
```

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

Here you see how a box with a 4 pixel #205240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205240; -webkit-box-shadow:4px 4px  
4px 4px #205240; box-shadow:4px 4px 4px  
4px #205240 }
```

Background

The CSS property to change the background color of an element to Hex 205240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205240 }
```

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

```
.background{ background-color:#205240 }
```

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