

Converting Colors

Hex(205737)

Have a look what the booklet for
Hex(205737) contains.

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Color

Hex(205737)

Conversions

Conversions Part 1

Format	Color
Hex	205737
RGB	32, 87, 55
RGB Percent	13%, 34%, 22%
CMY	0.8745, 0.6588, 0.7843
CMYK	0.63, 0.00, 0.37, 0.66
HSL	145°, 46%, 23%
HSV	145°, 63%, 34%
XYZ	4.6934, 7.3993, 4.7953
YIQ	66.9070, -22.5080, -21.6120

Conversions

Conversions Part 2

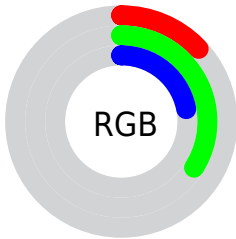
Format	Color
R_YB	32, 71, 87
Decimal	2119479
CIE _{Lab}	32.70, -26.47, 13.34
CIE _{LCh}	33, 29.642, 153.264
Yxy	7.3993, 0.2779, 0.4381
Android (android.graphics.Color)	4280309559 (0xFF205737)
YUV	66.9070, -5.8702, -30.6134
Hunter-Lab	27.2017, -16.8040, 8.5892

Details

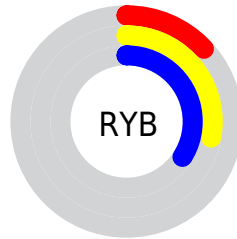
The Hex color **205737** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **572040**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **528966**, and **00290C** is the 20% darker color. If you saturate the color by 10%, you get **175732**, and if you desaturate by 10%, it is **29573C**.

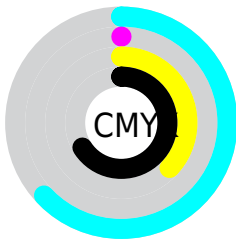
Distribution



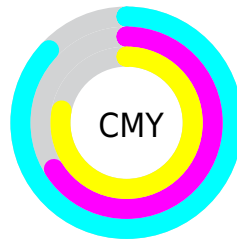
- Red (13%)
- Green (34%)
- Blue (22%)



- Red (13%)
- Yellow (28%)
- Blue (34%)



- Cyan (63%)
- Magenta (0%)
- Yellow (37%)
- Black (66%)



- Cyan (87%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205737 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 205737 by changing the saturation by 10% instead.

 205737

 205737

FFFFFF

 023F21

 528966

 00290C

 6CA47F

 001100

 86BF99

 000000

 A1DBB4

 BCF8D0

 D9FFEC

 F6FFFF

 205737

 205737

■ 175732

■ 29573C

■ 0F572D

■ 315741

■ 065728

■ 3A5746

■ 005724

■ 43574B

■ 4C5750

■ 545755

■ 5D575A

■ 66575F

■ 6E5765

Harmonies

Analogous

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



405324



205737



00594F

Triad

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



205737



274F7B



773C35

Complementary

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



205737



572040

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.



78394B



205737



524674

Square

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



205737



005576



6C3D62



6B4423

Rectangle

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



205737



00595F



6C3D62



783A3C

Sweetspot

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



205737



5B7064



405720



2B3831



B8B8B8



383838

Same Dimension

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



205737



1B703F



205752



272B29



006B2D



00EB62

Inverse Universe

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



572040



701B4D



572025



2B272A



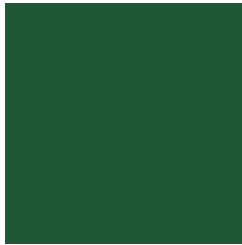
6B003E



EB0088

Previews

White Background



This preview shows how the Hex color 205737 looks on a white background.

Color Contrast Check

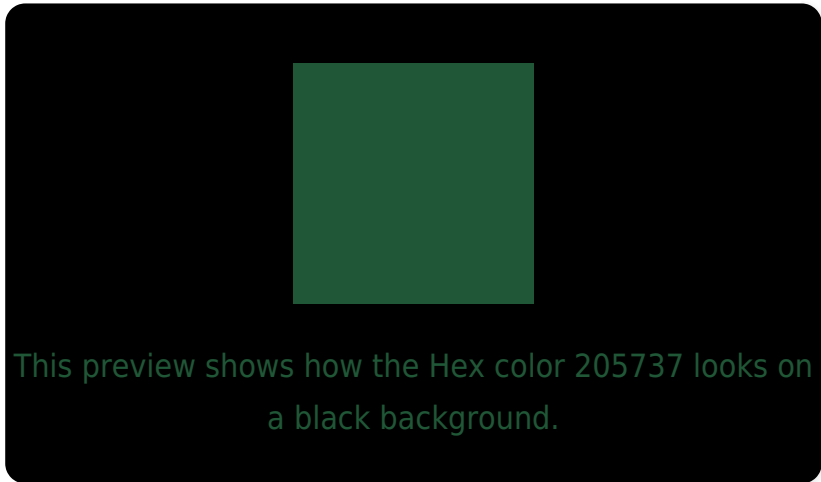
Large Text (above 18pt) WCAG AA ✓ Pass

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

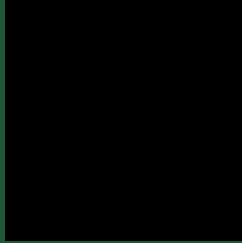
Any Text WCAG AA × Fail

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 205737 Background



This preview shows how black text looks on a background with the Hex color 205737.



This preview shows how white text looks on a background with the Hex color 205737.

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](#).

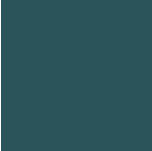
Dichromacy



Original Color
205737

Protanopia
534D33

Deuteranopia
5A4A3A



Tritanopia
2B535A

Trichromacy



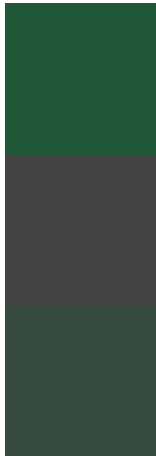
Original Color
205737

Protanomaly
405134

Deuteranomaly
454F39

Tritanomaly
27544D

Monochromacy



Original Color
205737

Achromatopsia
434343

Achromatomaly
364A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 205737 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 #205737 looks like.

```
.text, #text, p{  
    color:#205737  
}
```

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 #205737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205737
}
```

Border

The CSS property to change the border of an element to Hex 205737 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".

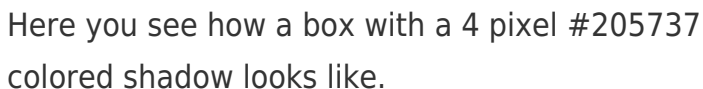
```
.border, #border, table{ border:4px solid
#205737 }
```

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

```
.border{ border-color:#205737 }
```

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

Here you see how a box with a 4 pixel #205737 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205737; -webkit-box-shadow:4px 4px  
4px 4px #205737; box-shadow:4px 4px 4px  
4px #205737 }
```

Background

The CSS property to change the background color of an element to Hex 205737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205737 }
```

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

```
.background{ background-color:#205737 }
```

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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