

Converting Colors

Hex(205C52)

Have a look what the booklet for
Hex(205C52) contains.

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Color

Hex(205C52)

Conversions

Conversions Part 1

Format	Color
Hex	205C52
RGB	32, 92, 82
RGB Percent	13%, 36%, 32%
CMY	0.8745, 0.6392, 0.6784
CMYK	0.65, 0.00, 0.11, 0.64
HSL	170°, 48%, 24%
HSV	170°, 65%, 36%
XYZ	5.9458, 8.5706, 9.3236
YIQ	72.9200, -32.5500, -15.8300

Conversions

Conversions Part 2

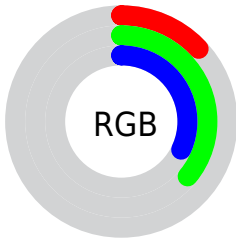
Format	Color
R_{YB}	32, 65, 92
Decimal	2120786
CIE _{Lab}	35.14, -21.96, 0.03
CIE _{LCh}	35, 21.963, 179.931
Yxy	8.5706, 0.2494, 0.3595
Android (android.graphics.Color)	4280310866 (0xFF205C52)
YUV	72.9200, 4.4764, -35.8868
Hunter-Lab	29.2755, -14.9792, 1.6104

Details

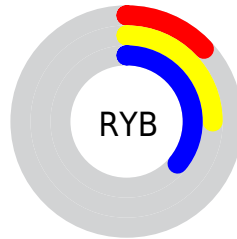
The Hex color **205C52** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5C202A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **548F83**, and **002D25** is the 20% darker color. If you saturate the color by 10%, you get **175C50**, and if you desaturate by 10%, it is **295C54**.

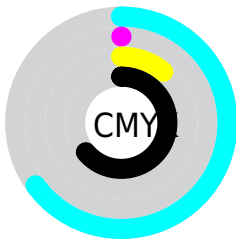
Distribution



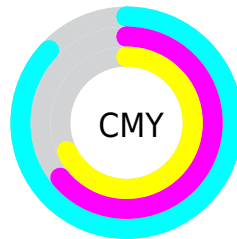
- Red (13%)
- Green (36%)
- Blue (32%)



- Red (13%)
- Yellow (25%)
- Blue (36%)



- Cyan (65%)
- Magenta (0%)
- Yellow (11%)
- Black (64%)



- Cyan (87%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205C52 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 205C52 by changing the saturation by 10% instead.

 205C52

 205C52

FFFFFF

 00443B

 548F83

 002D25

 6EA99D

 001B10

 89C5B8

 000000

 A4E1D4

 BFFDF0

 DCFFFF

 F9FFFF

 205C52

 205C52

■ 175C50

■ 295C54

■ 0E5C4F

■ 325C55

■ 045C4D

■ 3C5C57

■ 005C4D

■ 455C58

■ 4E5C5A

■ 575C5B

■ 605C5D

■ 6A5C5E

■ 735C60

Harmonies

Analogous

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



375A41



205C52



0B5C64

Triad

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



205C52



554E71



6C4B35

Complementary

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



205C52



5C202A

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.



744742



205C52



694864

Square

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



205C52



395475



734553



5E522F

Rectangle

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



205C52



125A6D



734553



704A39

Sweetspot

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



205C52



607874



2A5C20



2F3D3B



BDBDBD



3D3D3D

Same Dimension

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



205C52



1A7868



20485C



292E2D



006E5B



00EDC6

Inverse Universe

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



5C202A



781A2A



5C3420



2E292A



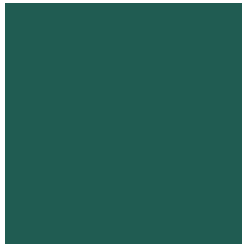
6E0012



ED0028

Previews

White Background



This preview shows how the Hex color 205C52 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

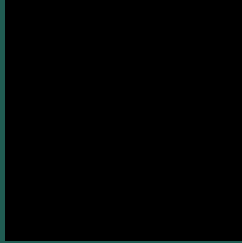
Any Text WCAG AA × Fail

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 205C52 Background



This preview shows how black text looks on a background with the Hex color 205C52.



This preview shows how white text looks on a background with the Hex color 205C52.

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](#).

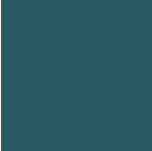
Dichromacy



Original Color
205C52

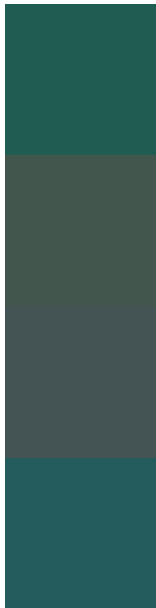
Protanopia
55524C

Deuteranopia
595055



Tritanopia
275A61

Trichromacy



Original Color
205C52

Protanomaly
42564E

Deuteranomaly
445454

Tritanomaly
245B5C

Monochromacy



Original Color
205C52

Achromatopsia
494949

Achromatomaly
3A504C

CSS Examples

Text

The CSS property to change the color of the text to Hex 205C52 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 #205C52 looks like.

```
.text, #text, p{  
    color:#205C52  
}
```

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 #205C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205C52  
}
```

Border

The CSS property to change the border of an element to Hex 205C52 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  
#205C52 }
```

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

```
.border{ border-color:#205C52 }
```

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

Here you see how a box with a 4 pixel #205C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205C52; -webkit-box-shadow:4px 4px  
4px 4px #205C52; box-shadow:4px 4px 4px  
4px #205C52 }
```

Background

The CSS property to change the background color of an element to Hex 205C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205C52 }
```

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

```
.background{ background-color:#205C52 }
```

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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