

Converting Colors

Hex(205D4A)

Have a look what the booklet for
Hex(205D4A) contains.

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Color

Hex(205D4A)

Conversions

Conversions Part 1

Format	Color
Hex	205D4A
RGB	32, 93, 74
RGB Percent	13%, 36%, 29%
CMY	0.8745, 0.6353, 0.7098
CMYK	0.66, 0.00, 0.20, 0.64
HSL	161°, 49%, 25%
HSV	161°, 66%, 36%
XYZ	5.7460, 8.6302, 7.8415
YIQ	72.5950, -30.2570, -18.8410

Conversions

Conversions Part 2

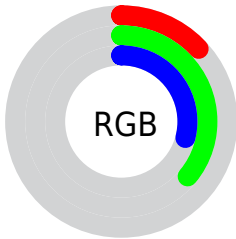
Format	Color
R_{YB}	32, 68, 93
Decimal	2121034
CIE _{Lab}	35.26, -24.72, 5.17
CIE _{LCh}	35, 25.257, 168.181
Yxy	8.6302, 0.2586, 0.3884
Android (android.graphics.Color)	4280311114 (0xFF205D4A)
YUV	72.5950, 0.6927, -35.6018
Hunter-Lab	29.3772, -16.4963, 4.7380




Details

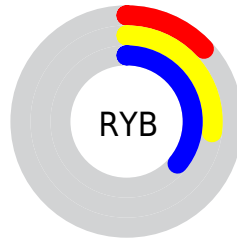
The Hex color **205D4A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5D2033**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **54907B**, and **002E1E** is the 20% darker color. If you saturate the color by 10%, you get **175D47**, and if you desaturate by 10%, it is **295D4D**.

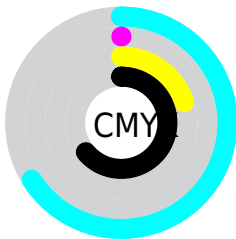
Distribution







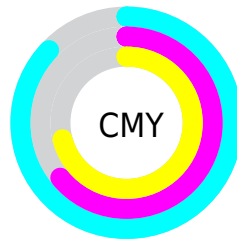
-  Red (13%)
-  Green (36%)
-  Blue (29%)






-  Red (13%)
-  Yellow (27%)
-  Blue (36%)



-  Cyan (66%)
-  Magenta (0%)
-  Yellow (20%)
-  Black (64%)



-  Cyan (87%)
-  Magenta (64%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205D4A 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 205D4A by changing the saturation by 10% instead.

 205D4A

 205D4A

FFFFFF

 004533

 54907B

 002E1E

 6EAA94

 001B06

 88C6AF

 000000

 A3E2CA

 BFFFE7

 DBFFFF

 F8FFFF

 205D4A

 205D4A

■ 175D47

■ 295D4D

■ 0D5D44

■ 335D50

■ 045D41

■ 3C5D53

■ 005D40

■ 455D56

■ 4E5D58

■ 585D5B

■ 615D5E

■ 6A5D61

■ 745D64

Harmonies

Analogous

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



3D5A37



205D4A



005D5F

Triad

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



205D4A



495179



744836

Complementary

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



205D4A



5D2033

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.



7A4347



205D4A



64496E

Square

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



205D4A



23577A



75445C



674F2B

Rectangle

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



205D4A



005D6B



75445C



77463B

Sweetspot

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



205D4A



607870



335D20



2F3D39



BDBDBD



3D3D3D

Same Dimension

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



205D4A



19785A



20525D



292E2C



006E4B



00EDA3

Inverse Universe

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



5D2033



781937



5D2B20



2E292B



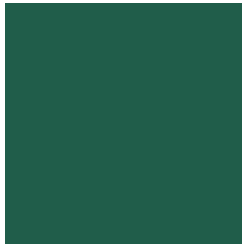
6E0022



ED004A

Previews

White Background



This preview shows how the Hex color 205D4A looks on a white background.

Color Contrast Check

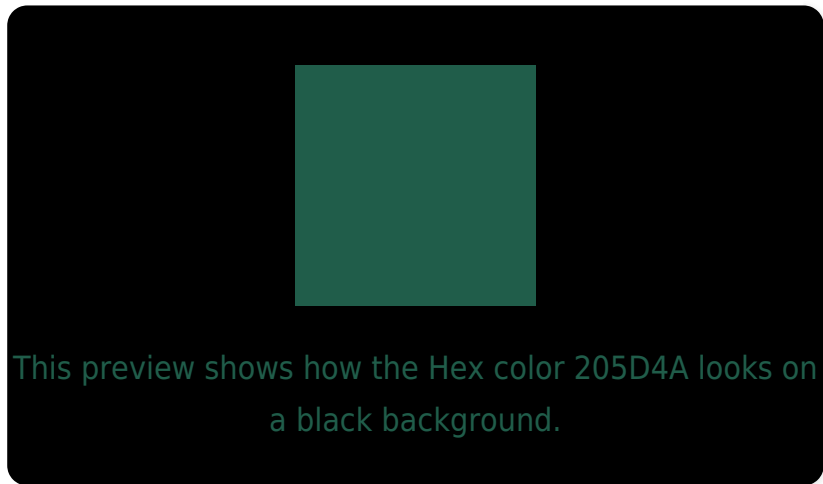
Large Text (above 18pt) WCAG AA ✓ Pass

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

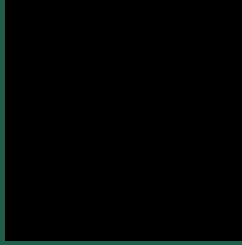
Any Text WCAG AA × Fail

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 205D4A Background



This preview shows how black text looks on a background with the Hex color 205D4A.



This preview shows how white text looks on a background with the Hex color 205D4A.

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](#).

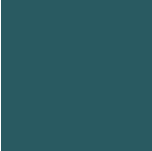
Dichromacy



Original Color
205D4A

Protanopia
575245

Deuteranopia
5D504D



Tritanopia
295A61

Trichromacy



Original Color
205D4A

Protanomaly
435647

Deuteranomaly
47554C

Tritanomaly
265B59

Monochromacy



Original Color
205D4A

Achromatopsia
494949

Achromatomaly
3A5049

CSS Examples

Text

The CSS property to change the color of the text to Hex 205D4A 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 #205D4A looks like.

```
.text, #text, p{  
    color:#205D4A  
}
```

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 #205D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205D4A
}
```

Border

The CSS property to change the border of an element to Hex 205D4A 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".

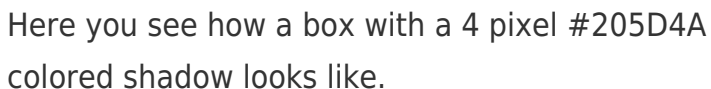
```
.border, #border, table{ border:4px solid
#205D4A }
```

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

```
.border{ border-color:#205D4A }
```

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

Here you see how a box with a 4 pixel #205D4A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205D4A; -webkit-box-shadow:4px 4px  
4px 4px #205D4A; box-shadow:4px 4px 4px  
4px #205D4A }
```

Background

The CSS property to change the background color of an element to Hex 205D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205D4A }
```

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

```
.background{ background-color:#205D4A }
```

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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