

# Converting Colors

Hex(205D1A)

Have a look what the booklet for  
Hex(205D1A) contains.

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# Color

**Hex(205D1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	205D1A
RGB	32, 93, 26
RGB Percent	13%, 36%, 10%
CMY	0.8745, 0.6353, 0.8980
CMYK	0.66, 0.00, 0.72, 0.64
HSL	115°, 56%, 23%
HSV	115°, 72%, 36%
XYZ	4.6965, 8.2104, 2.3145
YIQ	67.1230, -14.8490, -33.7690

# Conversions

## Conversions Part 2

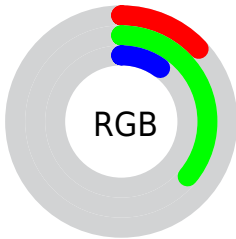
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 93, 87
Decimal	2120986
CIELab	34.42, -33.84, 31.52
CIELCh	34, 46.247, 137.029
Yxy	8.2104, 0.3085, 0.5394
Android (android.graphics.Color)	4280311066 (0xFF205D1A)
YUV	67.1230, -20.2736, -30.8029
Hunter-Lab	28.6537, -20.8871, 15.2684

# Details

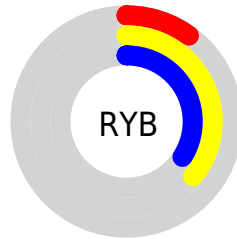
The Hex color **205D1A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **571A5D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **559049**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **185D11**, and if you desaturate by 10%, it is **285D23**.

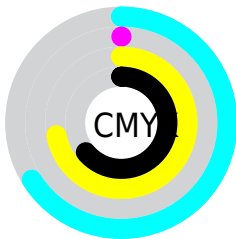
# Distribution



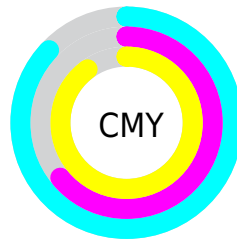
- Red (13%)
- Green (36%)
- Blue (10%)



- Red (10%)
- Yellow (36%)
- Blue (34%)



- Cyan (66%)
- Magenta (0%)
- Yellow (72%)
- Black (64%)



- Cyan (87%)
- Magenta (64%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 205D1A 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 205D1A by changing the saturation by 10% instead.



 205D1A

 205D1A

FFFFFF

 004501

 559049

 002E00

 6FAB62

 001800

 8AC67B

 000000

 A5E396

 C1FFB1

 DDF FCC

 FAF FE9

 205D1A

 205D1A

■ 185D11

■ 285D23

■ 0F5D07

■ 315D2D

■ 085D00

■ 395D36

■ 425D3F

■ 4A5D49

■ 535D52

■ 5B5D5B

■ 645D64

■ 6C5D6E

# Harmonies

## Analogous

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



4E5600



205D1A



00613F

# Triad

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



205D1A



005A99



922B3E

# Complementary

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



205D1A



571A5D

# 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.



8B2D62



205D1A



2B4E98

# Square

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



205D1A



006086



6C3D84



87391C

# Rectangle

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



205D1A



006259



6C3D84



922A4A



# Sweetspot

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



205D1A



60785D



5D561A



2F3D2D



BDBDBD



3D3D3D



# Same Dimension

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



205D1A



1A7811



1A5D35



2A2E29



0A6E00



15ED00



# Inverse Universe

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



571A5D



6F1178



5D1A42



2D292E



64006E

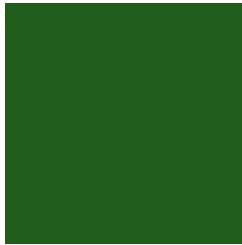


D800ED



# Previews

## White Background



This preview shows how the Hex color 205D1A looks on a white background.

## Color Contrast Check

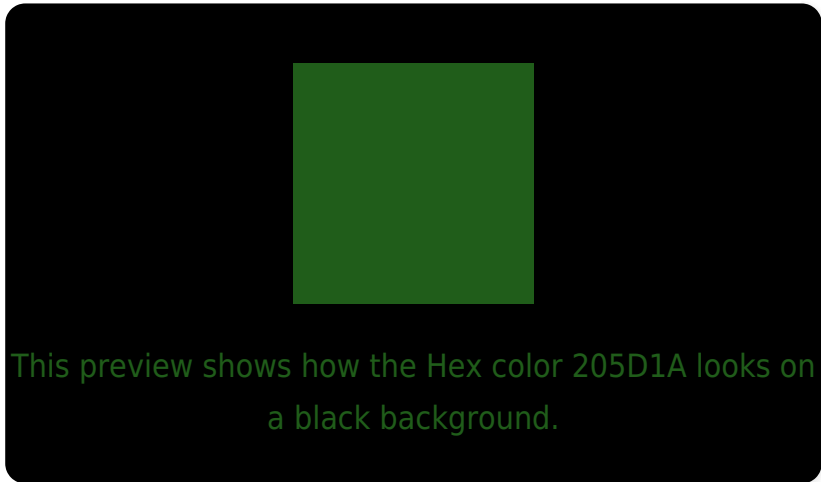
Large Text (above 18pt) WCAG AA ✓ Pass

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

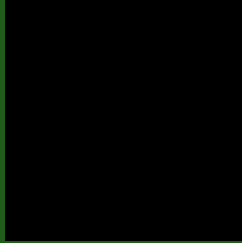
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 205D1A Background



This preview shows how black text looks on a background with the Hex color 205D1A.



This preview shows how white text looks on a background with the Hex color 205D1A.

# 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**  
205D1A

**Protanopia**  
5B5117

**Deuteranopia**  
644D20



**Tritanopia**  
30575E

# Trichromacy



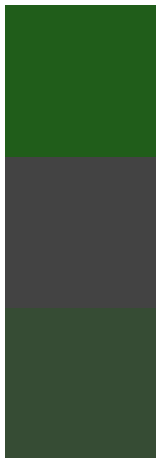
**Original Color**  
205D1A

**Protanomaly**  
465518

**Deuteranomaly**  
4B531E

**Tritanomaly**  
2A5945

# Monochromacy



**Original Color**  
205D1A

**Achromatopsia**  
434343

**Achromatomaly**  
364C34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 205D1A 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 #205D1A looks like.

```
.text, #text, p{  
    color:#205D1A  
}
```

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 #205D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205D1A
}
```

## Border

The CSS property to change the border of an element to Hex 205D1A 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".

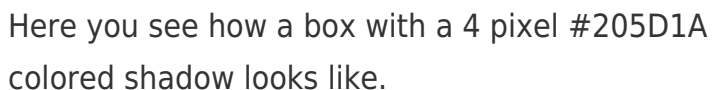
```
.border, #border, table{ border:4px solid
#205D1A }
```

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

```
.border{ border-color:#205D1A }
```

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

Here you see how a box with a 4 pixel #205D1A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205D1A; -webkit-box-shadow:4px 4px  
4px 4px #205D1A; box-shadow:4px 4px 4px  
4px #205D1A }
```

# Background

The CSS property to change the background color of an element to Hex 205D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205D1A }
```

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

```
.background{ background-color:#205D1A }
```

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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