

Converting Colors

Hex(205B29)

Have a look what the booklet for
Hex(205B29) contains.

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Color

Hex(205B29)

Conversions

Conversions Part 1

Format	Color
Hex	205B29
RGB	32, 91, 41
RGB Percent	13%, 36%, 16%
CMY	0.8745, 0.6431, 0.8392
CMYK	0.65, 0.00, 0.55, 0.64
HSL	129°, 48%, 24%
HSV	129°, 65%, 36%
XYZ	4.7370, 7.9493, 3.3825
YIQ	67.6590, -19.1140, -28.0580

Conversions

Conversions Part 2

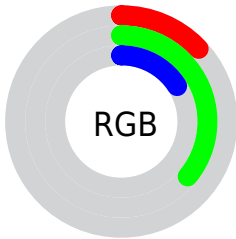
Format	Color
R_YB	32, 83, 91
Decimal	2120489
CIE Lab	33.88, -30.98, 23.12
CIE LCh	34, 38.662, 143.267
Yxy	7.9493, 0.2948, 0.4947
Android (android.graphics.Color)	4280310569 (0xFF205B29)
YUV	67.6590, -13.1429, -31.2729
Hunter-Lab	28.1946, -19.3506, 12.6231

Details

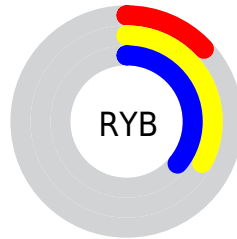
The Hex color **205B29** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B2052**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **538E58**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **175B21**, and if you desaturate by 10%, it is **295B31**.

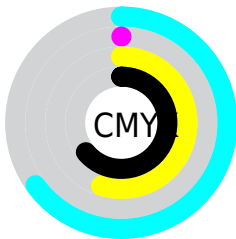
Distribution



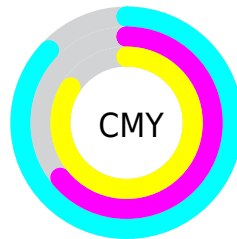
- Red (13%)
- Green (36%)
- Blue (16%)



- Red (13%)
- Yellow (33%)
- Blue (36%)



- Cyan (65%)
- Magenta (0%)
- Yellow (55%)
- Black (64%)



- Cyan (87%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205B29 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 205B29 by changing the saturation by 10% instead.



205B29



205B29

FFFFFF



004313



538E58



002C00



6DA970



001600



88C48A



000000



A3E0A4



BFFDC0



DBFFDC



F8FFF8



205B29



205B29

■ 175B21

■ 295B31

■ 0E5B1A

■ 325B38

■ 055B12

■ 3B5B40

■ 005B0E

■ 445B48

■ 4E5B50

■ 575B57

■ 605B5F

■ 695B67

■ 725B6E

Harmonies

Analogous

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



485511



205B29



005E47

Triad

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



205B29



00558D



873539

Complementary

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



205B29



5B2052

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.



833358



205B29



434A88

Square

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



205B29



005C80



6E3D75



7B401F

Rectangle

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



205B29



005E5D



6E3D75



873343

Sweetspot

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



205B29



5F7562



525B20



2D3B2F



BABABA



3B3B3B

Same Dimension

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



205B29



1A7528



205B46



292E2A



006E11



00ED24

Inverse Universe

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



5B2052



751A67



5B2035



2E292D



6E005D



ED00C9

Previews

White Background



This preview shows how the Hex color 205B29 looks on a white background.

Color Contrast Check

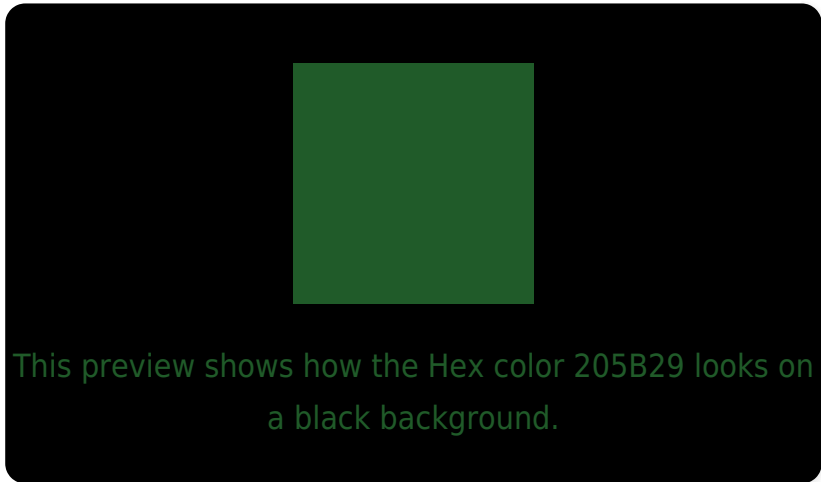
Large Text (above 18pt) WCAG AA ✓ Pass

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

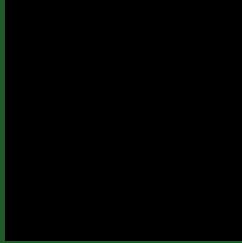
Any Text WCAG AA × Fail

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 205B29 Background



This preview shows how black text looks on a background with the Hex color 205B29.



This preview shows how white text looks on a background with the Hex color 205B29.

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](#).

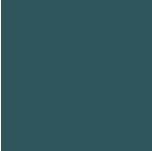
Dichromacy



Original Color
205B29

Protanopia
585025

Deuteranopia
614C2D



Tritanopia
2E565C

Trichromacy



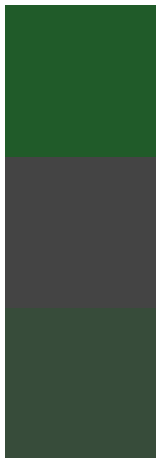
Original Color
205B29

Protanomaly
445426

Deuteranomaly
49512C

Tritanomaly
295849

Monochromacy



Original Color
205B29

Achromatopsia
444444

Achromatomaly
374C3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 205B29 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 #205B29 looks like.

```
.text, #text, p{  
    color:#205B29  
}
```

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 #205B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205B29
}
```

Border

The CSS property to change the border of an element to Hex 205B29 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
#205B29 }
```

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

```
.border{ border-color:#205B29 }
```

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

Here you see how a box with a 4 pixel #205B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205B29; -webkit-box-shadow:4px 4px  
4px 4px #205B29; box-shadow:4px 4px 4px  
4px #205B29 }
```

Background

The CSS property to change the background color of an element to Hex 205B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205B29 }
```

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

```
.background{ background-color:#205B29 }
```

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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