

Converting Colors

Hex(201D5C)

Have a look what the booklet for
Hex(201D5C) contains.

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Color

Hex(201D5C)

Conversions

Conversions Part 1

Format	Color
Hex	201D5C
RGB	32, 29, 92
RGB Percent	13%, 11%, 36%
CMY	0.8745, 0.8863, 0.6392
CMYK	0.65, 0.68, 0.00, 0.64
HSL	243°, 52%, 24%
HSV	243°, 68%, 36%
XYZ	2.9668, 1.9585, 10.3469
YIQ	37.0790, -18.4350, 20.2290

Conversions

Conversions Part 2

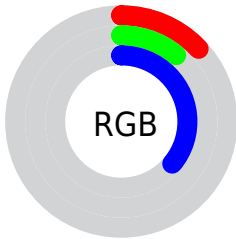
Format	Color
RYB	32, 29, 92
Decimal	2104668
CIELab	15.27, 22.65, -37.36
CIELCh	15, 43.689, 301.233
Yxy	1.9585, 0.1943, 0.1282
Android (android.graphics.Color)	4280294748 (0xFF201D5C)
YUV	37.0790, 27.0761, -4.4543
Hunter-Lab	13.9947, 13.3503, -34.0394

Details

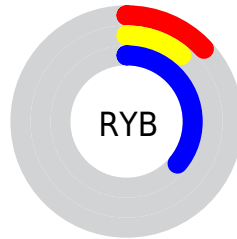
The Hex color **201D5C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **595C1D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **54498F**, and **00022D** is the 20% darker color. If you saturate the color by 10%, you get **17145C**, and if you desaturate by 10%, it is **29265C**.

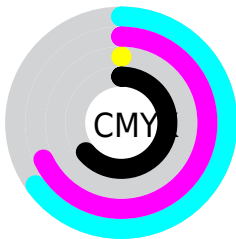
Distribution



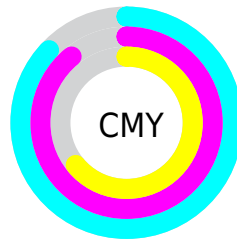
- Red (13%)
- Green (11%)
- Blue (36%)



- Red (13%)
- Yellow (11%)
- Blue (36%)



- Cyan (65%)
- Magenta (68%)
- Yellow (0%)
- Black (64%)



- Cyan (87%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201D5C 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 201D5C by changing the saturation by 10% instead.

■ 201D5C

■ 201D5C

FFFFFF

■ 010744

■ 54498F

■ 00022D

■ 6E61AA

■ 000117

■ 897AC5

■ 000000

■ A494E1

■ C0AEFE

■ DCCAFF

■ F9E6FF

■ 201D5C

■ 201D5C

■ 17145C

■ 29265C

■ 0E0B5C

■ 322F5C

■ 06015C

■ 3A395C

■ 04005C

■ 43425C

■ 4C4B5C

■ 55545C

■ 5D5D5C

■ 66675C

■ 6F705C

Harmonies

Analogous

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



002A65



201D5C



4A0345

Triad

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



201D5C



471800



003227

Complementary

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



201D5C



595C1D

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.



003101



201D5C



2F2600

Square

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



201D5C



570003



0F2D00



003346

Rectangle

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



201D5C



560031



0F2D00



00321C

Sweetspot

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



201D5C



605F78



1D5A5C



2F2E3D



BDBDBD



3D3D3D

Same Dimension

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



201D5C



1A1678



3F1D5C



2A292E



05006E



0B00ED

Inverse Universe

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



5C1D59



781673



3A5C1D



2E292E



6E0068



ED00E2

Previews

White Background



This preview shows how the Hex color 201D5C looks on a white background.

Color Contrast Check

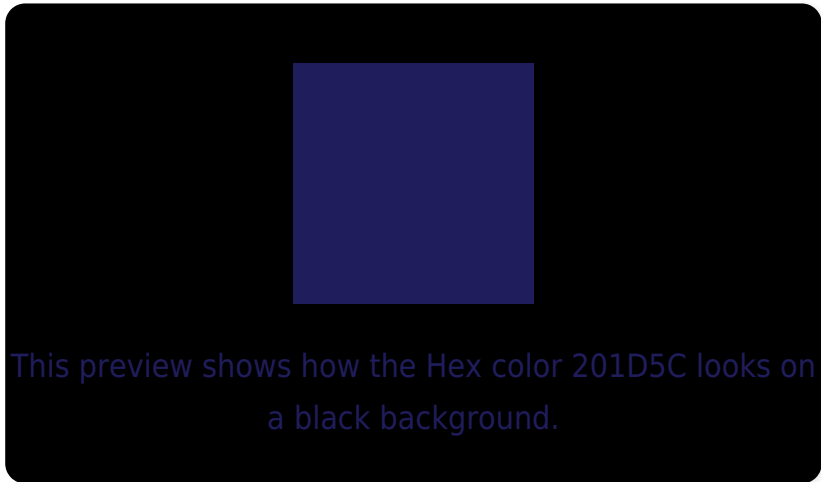
Large Text (above 18pt) WCAG AA ✓ Pass

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

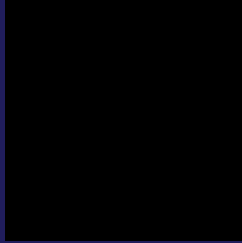
Any Text WCAG AA × Fail

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 201D5C Background



This preview shows how black text looks on a background with the Hex color 201D5C.



This preview shows how white text looks on a background with the Hex color 201D5C.

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
201D5C

Protanopia
00254F

Deuteranopia
002844



Tritanopia
002B2E

Trichromacy



Original Color
201D5C

Protanomaly
0C2254

Deuteranomaly
0C244D

Tritanomaly
0C263F

Monochromacy



Original Color
201D5C

Achromatopsia
252525

Achromatomaly
232239

CSS Examples

Text

The CSS property to change the color of the text to Hex 201D5C 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 #201D5C looks like.

```
.text, #text, p{  
    color:#201D5C  
}
```

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 #201D5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201D5C
}
```

Border

The CSS property to change the border of an element to Hex 201D5C 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
#201D5C }
```

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

```
.border{ border-color:#201D5C }
```

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

Here you see how a box with a 4 pixel #201D5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201D5C; -webkit-box-shadow:4px 4px  
4px 4px #201D5C; box-shadow:4px 4px 4px  
4px #201D5C }
```

Background

The CSS property to change the background color of an element to Hex 201D5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201D5C }
```

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

```
.background{ background-color:#201D5C }
```

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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