

Converting Colors

Hex(201B70)

Have a look what the booklet for
Hex(201B70) contains.

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Color

Hex(201B70)

Conversions

Conversions Part 1

Format	Color
Hex	201B70
RGB	32, 27, 112
RGB Percent	13%, 11%, 44%
CMY	0.8745, 0.8941, 0.5608
CMYK	0.71, 0.76, 0.00, 0.56
HSL	244°, 61%, 27%
HSV	244°, 76%, 44%
XYZ	3.9122, 2.2608, 15.5594
YIQ	38.1850, -24.3050, 27.4950

Conversions

Conversions Part 2

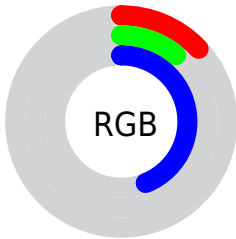
Format	Color
R _Y B	32, 27, 112
Decimal	2104176
CIE Lab	16.80, 31.26, -48.01
CIE LCh	17, 57.287, 303.065
Yxy	2.2608, 0.1800, 0.1040
Android (android.graphics.Color)	4280294256 (0xFF201B70)
YUV	38.1850, 36.3908, -5.4242
Hunter-Lab	15.0359, 20.1313, -50.8290

Details

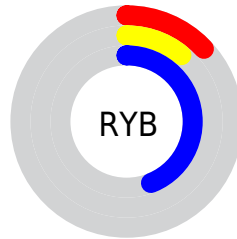
The Hex color **201B70** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **6B701B**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5948A5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **151070**, and if you desaturate by 10%, it is **2B2670**.

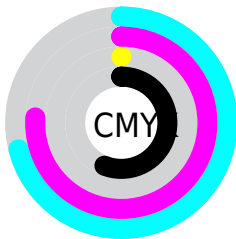
Distribution



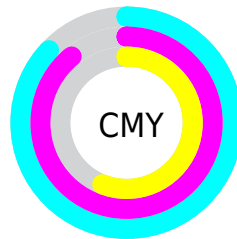
- Red (13%)
- Green (11%)
- Blue (44%)



- Red (13%)
- Yellow (11%)
- Blue (44%)



- Cyan (71%)
- Magenta (76%)
- Yellow (0%)
- Black (56%)



- Cyan (87%)
- Magenta (89%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201B70 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 201B70 by changing the saturation by 10% instead.

■ 201B70

■ 201B70

FFFFFF

■ 000657

■ 5948A5

■ 00003F

■ 7460C0

■ 000328

■ 9079DC

■ 000112

■ AC93F9

■ 000000

■ C8ADFF

■ E5C9FF

■ FFE5FF

■ 201B70

■ 201B70

■ 151070

■ 2B2670

■ 0B0570

■ 353170

■ 070070

■ 403D70

■ 4A4870

■ 555370

■ 5F5E70

■ 6A6970

■ 747570

■ 7F8070

Harmonies

Analogous

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



002F7E



201B70



5A004F

Triad

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



201B70



501600



00382D

Complementary

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



201B70



6B701B

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.



003600



201B70



312A00

Square

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



201B70



660000



003300



003956

Rectangle

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



201B70



690035



003300



00381E

Sweetspot

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



201B70



727091



1B6C70



36354A



C9C9C9



4A4A4A

Same Dimension

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



201B70



150D91



4A1B70



333238



070078



0F00F7

Inverse Universe

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



701B6B



910D8A



41701B



383238



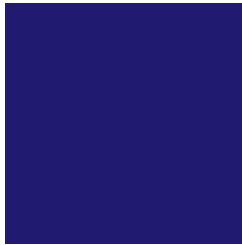
780071



F700E9

Previews

White Background



This preview shows how the Hex color 201B70 looks on a white background.

Color Contrast Check

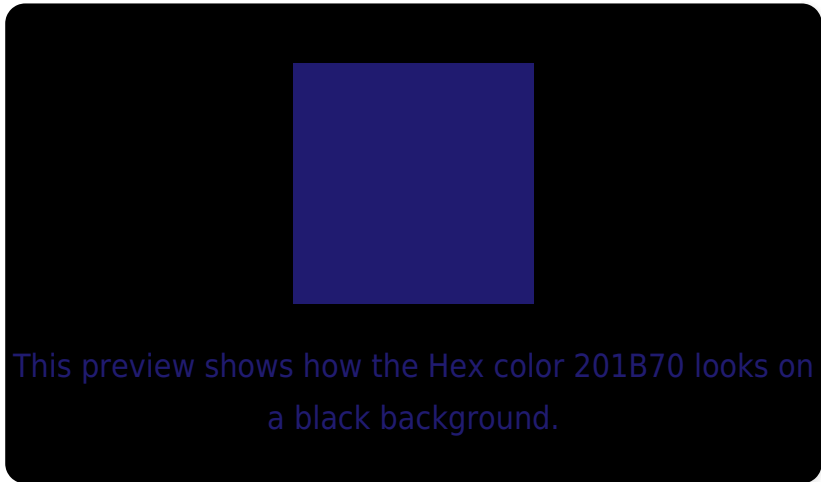
Large Text (above 18pt) WCAG AA ✓ Pass

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

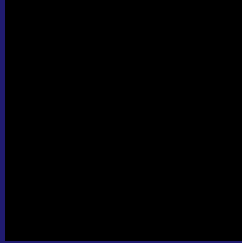
Any Text WCAG AA × Fail

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 201B70 Background



This preview shows how black text looks on a background with the Hex color 201B70.



This preview shows how white text looks on a background with the Hex color 201B70.

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
201B70

Protanopia
002956

Deuteranopia
002C49

Trichromacy



Original Color
201B70

Protanomaly
0C245F

Deuteranomaly
0C2657

Tritanomaly
0C2849

Monochromacy



Original Color
201B70

Achromatopsia
262626

Achromatomaly
242241

CSS Examples

Text

The CSS property to change the color of the text to Hex 201B70 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 #201B70 looks like.

```
.text, #text, p{  
    color:#201B70  
}
```

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 #201B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201B70
}
```

Border

The CSS property to change the border of an element to Hex 201B70 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
#201B70 }
```

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

```
.border{ border-color:#201B70 }
```

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

Here you see how a box with a 4 pixel #201B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201B70; -webkit-box-shadow:4px 4px  
4px 4px #201B70; box-shadow:4px 4px 4px  
4px #201B70 }
```

Background

The CSS property to change the background color of an element to Hex 201B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201B70 }
```

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

```
.background{ background-color:#201B70 }
```

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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