

Converting Colors

Hex(200B5B)

Have a look what the booklet for
Hex(200B5B) contains.

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Color

Hex(200B5B)

Conversions

Conversions Part 1

Format	Color
Hex	200B5B
RGB	32, 11, 91
RGB Percent	13%, 4%, 36%
CMY	0.8745, 0.9569, 0.6431
CMYK	0.65, 0.88, 0.00, 0.64
HSL	256°, 78%, 20%
HSV	256°, 88%, 36%
XYZ	2.6037, 1.3018, 10.0116
YIQ	26.3990, -13.1640, 29.3320

Conversions

Conversions Part 2

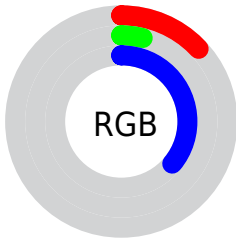
Format	Color
RYB	32, 11, 91
Decimal	2100059
CIELab	11.29, 33.11, -43.22
CIELCh	11, 54.444, 307.450
Yxy	1.3018, 0.1871, 0.0935
Android (android.graphics.Color)	4280290139 (0xFF200B5B)
YUV	26.3990, 31.8483, 4.9121
Hunter-Lab	11.4094, 20.7677, -44.0393




Details

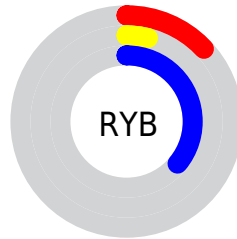
The Hex color **200B5B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **465B0B**, and the grayscale version is **1A1A1A**.




A 20% lighter version of the original color is **55388E**, and **00032C** is the 20% darker color. If you saturate the color by 10%, you get **19025B**, and if you desaturate by 10%, it is **27145B**.

Distribution







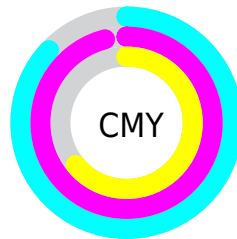
-  Red (13%)
-  Green (4%)
-  Blue (36%)






-  Red (13%)
-  Yellow (4%)
-  Blue (36%)



-  Cyan (65%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (87%)
-  Magenta (96%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200B5B 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 200B5B by changing the saturation by 10% instead.

 200B5B

 200B5B

 FFF0FF

 070043

 55388E

 00032C

 7050A9

 000116

 8B69C5

 000000

 A682E1

 C29DFE

 DFB8FF

 FCD3FF

 200B5B

 200B5B

■ 19025B

■ 27145B

■ 18005B

■ 2D1D5B

■ 34265B

■ 3B2F5B

■ 42395B

■ 48425B

■ 4F4B5B

■ 56545B

■ 5C5D5B

Harmonies

Analogous

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



00226B



200B5B



4E003B

Triad

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



200B5B



3C0F00



002C27

Complementary

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



200B5B



465B0B

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.



002B00



200B5B



1E2000

Square

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



200B5B



510000



002700



002D4C

Rectangle

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



200B5B



580023



002700



002C1A

Sweetspot

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



200B5B



5F5775



0B475B



2D283B



BABABA



3B3B3B

Same Dimension

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



200B5B



1F0075



470B5B



2B292E



1D006E



3E00ED

Inverse Universe

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



5B0B46



750057



1F5B0B



2E292D



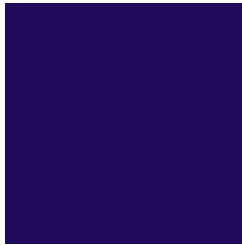
6E0051



ED00AF

Previews

White Background



This preview shows how the Hex color 200B5B looks on a white background.

Color Contrast Check

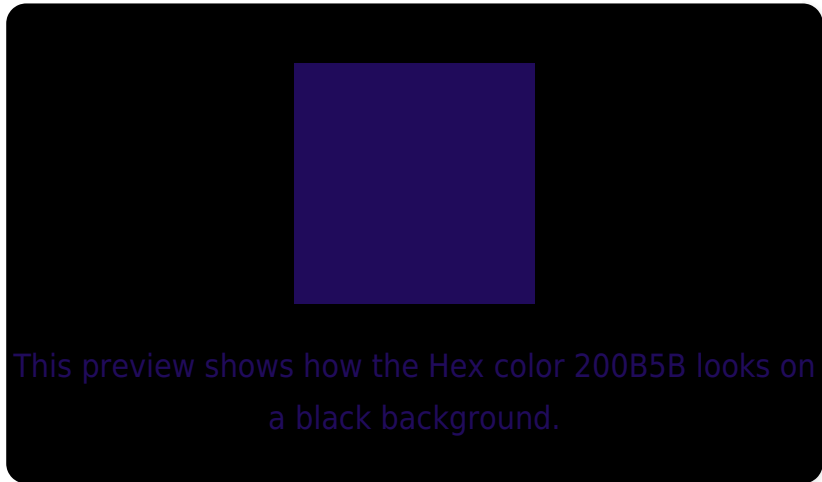
Large Text (above 18pt) WCAG AA ✓ Pass

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

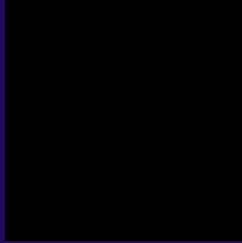
Any Text WCAG AA × Fail

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 200B5B Background



This preview shows how black text looks on a background with the Hex color 200B5B.



This preview shows how white text looks on a background with the Hex color 200B5B.

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
200B5B

Protanopia
001F41

Deuteranopia
002137

Trichromacy



Original Color
200B5B

Protanomaly
0C184A

Deuteranomaly
0C1944

Tritanomaly
0C1B39

Monochromacy



Original Color
200B5B

Achromatopsia
1A1A1A

Achromatomaly
1C1532

CSS Examples

Text

The CSS property to change the color of the text to Hex 200B5B 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 #200B5B looks like.

```
.text, #text, p{  
    color:#200B5B  
}
```

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 #200B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200B5B
}
```

Border

The CSS property to change the border of an element to Hex 200B5B 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
#200B5B }
```

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

```
.border{ border-color:#200B5B }
```

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

Here you see how a box with a 4 pixel #200B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200B5B; -webkit-box-shadow:4px 4px  
4px 4px #200B5B; box-shadow:4px 4px 4px  
4px #200B5B }
```

Background

The CSS property to change the background color of an element to Hex 200B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200B5B }
```

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

```
.background{ background-color:#200B5B }
```

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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