

Converting Colors

Hex(200F72)

Have a look what the booklet for
Hex(200F72) contains.

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Color

Hex(200F72)

Conversions

Conversions Part 1

Format	Color
Hex	200F72
RGB	32, 15, 114
RGB Percent	13%, 6%, 45%
CMY	0.8745, 0.9412, 0.5529
CMYK	0.72, 0.87, 0.00, 0.55
HSL	250°, 77%, 25%
HSV	250°, 87%, 45%
XYZ	3.8038, 1.8636, 16.0788
YIQ	31.3690, -21.6470, 34.3930

Conversions

Conversions Part 2

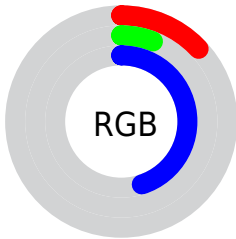
Format	Color
R_{YB}	32, 15, 114
Decimal	2101106
CIE _{Lab}	14.75, 38.46, -52.69
CIE _{LCh}	15, 65.233, 306.130
Yxy	1.8636, 0.1749, 0.0857
Android (android.graphics.Color)	4280291186 (0xFF200F72)
YUV	31.3690, 40.7371, 0.5534
Hunter-Lab	13.6515, 25.8459, -60.2762




Details

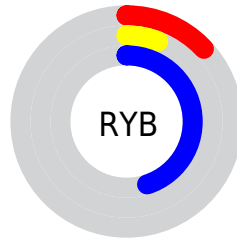
The Hex color **200F72** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **61720F**, and the grayscale version is **1F1F1F**.




A 20% lighter version of the original color is **5B3DA7**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **170472**, and if you desaturate by 10%, it is **291A72**.

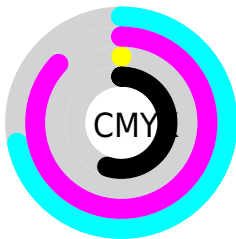
Distribution







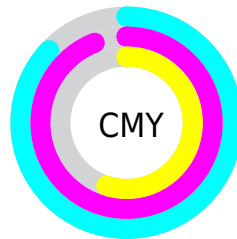
-  Red (13%)
-  Green (6%)
-  Blue (45%)






-  Red (13%)
-  Yellow (6%)
-  Blue (45%)



-  Cyan (72%)
-  Magenta (87%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (87%)
-  Magenta (94%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200F72 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 200F72 by changing the saturation by 10% instead.

■ 200F72

■ 200F72

■ FFF7FF

■ 000059

■ 5B3DA7

■ 000041

■ 7656C3

■ 000329

■ 926EDF

■ 000114

■ AE88FC

■ 000000

■ CBA3FF

■ E8BEFF

■ FFDAFF

■ 200F72

■ 200F72

■ 170472

■ 291A72

■ 140072

■ 332672

■ 3C3172

■ 463D72

■ 4F4872

■ 595372

■ 625F72

■ 6C6A72

■ 757672

Harmonies

Analogous

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



002B85



200F72



5E004B

Triad

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



200F72



4B1000



00352E

Complementary

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



200F72



61720F

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.



003400



200F72



272700

Square

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



200F72



640000



003000



00365C

Rectangle

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



200F72



6C002D



003000



00351E

Sweetspot

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



200F72



746D94



0F6172



37334A



C9C9C9



4A4A4A

Same Dimension

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



200F72



190094



510F72



333238



150078



2A00F7

Inverse Universe

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



720F61



94007B



30720F



383237



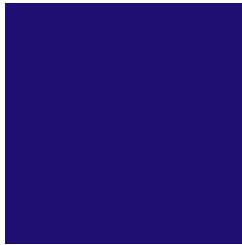
780063



F700CD

Previews

White Background



This preview shows how the Hex color 200F72 looks on a white background.

Color Contrast Check

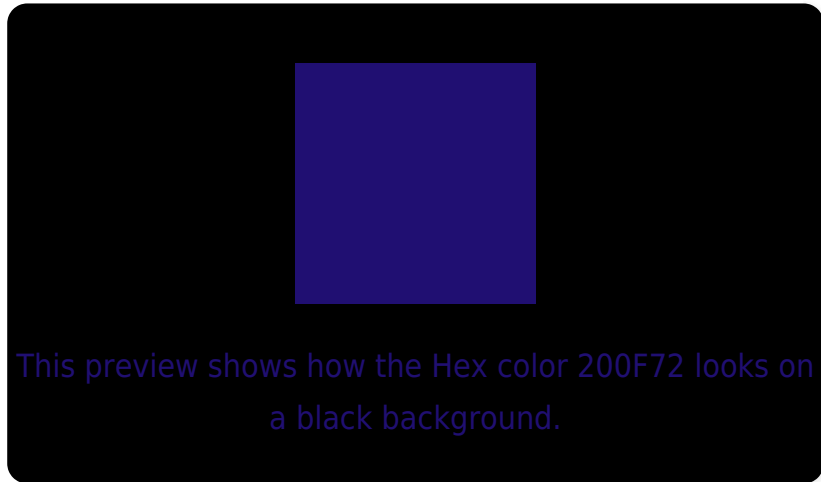
Large Text (above 18pt) WCAG AA ✓ Pass

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

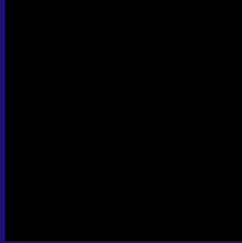
Any Text WCAG AA × Fail

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 200F72 Background



This preview shows how black text looks on a background with the Hex color 200F72.



This preview shows how white text looks on a background with the Hex color 200F72.

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
200F72

Protanopia
00264F

Deuteranopia
002843



Tritanopia
002B2E

Trichromacy



Original Color
200F72

Protanomaly
0C1E5C

Deuteranomaly
0C1F54

Tritanomaly
0C2147

Monochromacy



Original Color
200F72

Achromatopsia
1F1F1F

Achromatomaly
1F193D

CSS Examples

Text

The CSS property to change the color of the text to Hex 200F72 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 #200F72 looks like.

```
.text, #text, p{  
    color:#200F72  
}
```

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 #200F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200F72
}
```

Border

The CSS property to change the border of an element to Hex 200F72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

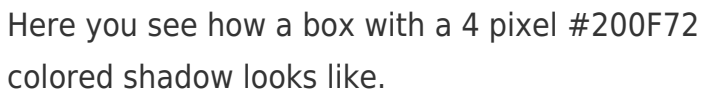
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#200F72 }
```

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

```
.border{ border-color:#200F72 }
```

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



Here you see how a box with a 4 pixel #200F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200F72; -webkit-box-shadow:4px 4px  
4px 4px #200F72; box-shadow:4px 4px 4px  
4px #200F72 }
```

Background

The CSS property to change the background color of an element to Hex 200F72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200F72 }
```

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

```
.background{ background-color:#200F72 }
```

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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