

Converting Colors

Hex(202085)

Have a look what the booklet for
Hex(202085) contains.

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Color

Hex(202085)

Conversions

Conversions Part 1

Format	Color
Hex	202085
RGB	32, 32, 133
RGB Percent	13%, 13%, 52%
CMY	0.8745, 0.8745, 0.4784
CMYK	0.76, 0.76, 0.00, 0.48
HSL	240°, 61%, 32%
HSV	240°, 76%, 52%
XYZ	5.3458, 3.0336, 22.4941
YIQ	43.5140, -32.4210, 31.4110

Conversions

Conversions Part 2

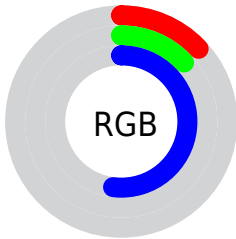
Format	Color
RYB	32, 32, 133
Decimal	2105477
CIELab	20.18, 35.63, -55.86
CIElCh	20, 66.253, 302.535
Yxy	3.0336, 0.1732, 0.0983
Android (android.graphics.Color)	4280295557 (0xFF202085)
YUV	43.5140, 44.1166, -10.0978
Hunter-Lab	17.4171, 24.3069, -64.3807

Details

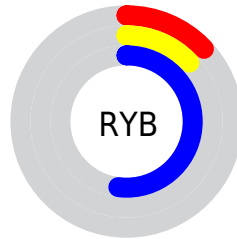
The Hex color **202085** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **858520**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5E4EBB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **131385**, and if you desaturate by 10%, it is **2D2D85**.

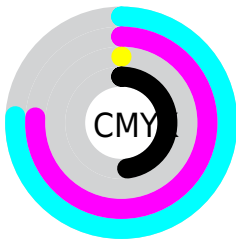
Distribution



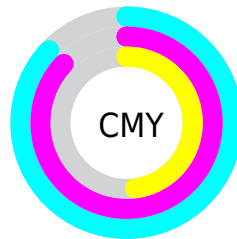
- Red (13%)
- Green (13%)
- Blue (52%)



- Red (13%)
- Yellow (13%)
- Blue (52%)



- Cyan (76%)
- Magenta (76%)
- Yellow (0%)
- Black (48%)



- Cyan (87%)
- Magenta (87%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202085 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 202085 by changing the saturation by 10% instead.

■ 202085

■ 202085

FFFFFF

■ 000B6B

■ 5E4EBB

■ 000052

■ 7A66D7

■ 00053A

■ 977FF4

■ 000223

■ B399FF

■ 00000B

■ D0B4FF

■ 000000

■ EED0FF

■ FFECFF

■ 202085

■ 202085

■ 131385

■ 2D2D85

■ 050585

■ 3B3B85

■ 000085

■ 484885

■ 555585

■ 636385

■ 707085

■ 7D7D85

■ 8A8A85

■ 989885

Harmonies

Analogous

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



003895



202085



6A005F

Triad

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



202085



5F1800



004134

Complementary

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



202085



858520

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.



003F00



202085



3A3100

Square

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



202085



780000



003B00



004265

Rectangle

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



202085



7B003F



003B00



004123

Sweetspot

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



202085



8686AD



208585



3E3E57



D6D6D6



575757

Same Dimension

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



202085



1010AD



532085



3C3C42



000082



000003

Inverse Universe

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



852085



AD10AD



538520



423C42



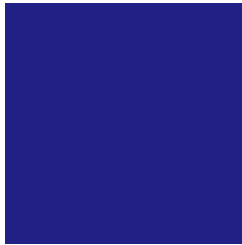
820082



030003

Previews

White Background



This preview shows how the Hex color 202085 looks on a white background.

Color Contrast Check

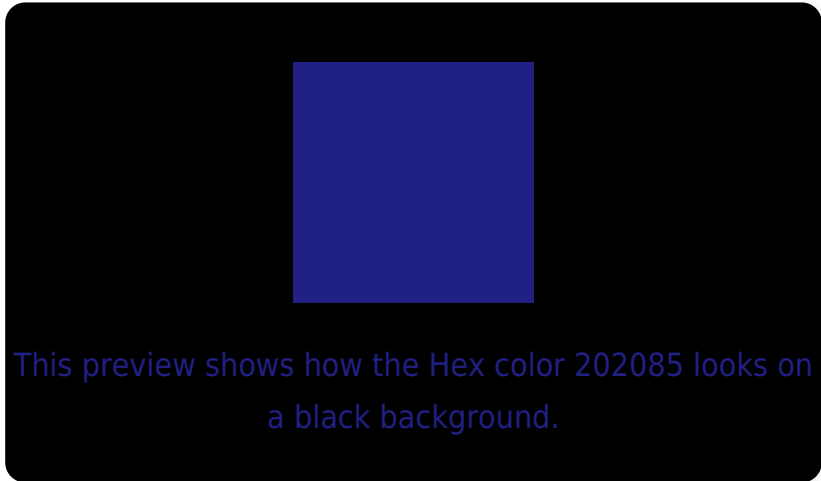
Large Text (above 18pt) WCAG AA ✓ Pass

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

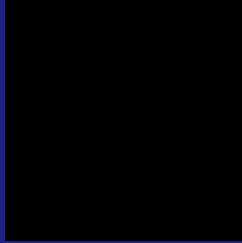
Any Text WCAG AA × Fail

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 202085 Background



This preview shows how black text looks on a background with the Hex color 202085.



This preview shows how white text looks on a background with the Hex color 202085.

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
202085

Protanopia
003064

Deuteranopia
003355

Trichromacy



Original Color
202085

Protanomaly
0C2A70

Deuteranomaly
0C2C66

Tritanomaly
0C2F55

Monochromacy



Original Color
202085

Achromatopsia
2C2C2C

Achromatomaly
28284C

CSS Examples

Text

The CSS property to change the color of the text to Hex 202085 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 #202085 looks like.

```
.text, #text, p{  
    color:#202085  
}
```

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 #202085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202085
}
```

Border

The CSS property to change the border of an element to Hex 202085 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
#202085 }
```

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

```
.border{ border-color:#202085 }
```

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

Here you see how a box with a 4 pixel #202085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202085; -webkit-box-shadow:4px 4px  
4px 4px #202085; box-shadow:4px 4px 4px  
4px #202085 }
```

Background

The CSS property to change the background color of an element to Hex 202085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202085 }
```

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

```
.background{ background-color:#202085 }
```

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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