

Converting Colors

Hex(19205C)

Have a look what the booklet for
Hex(19205C) contains.

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Color

Hex(19205C)

Conversions

Conversions Part 1

Format	Color
Hex	19205C
RGB	25, 32, 92
RGB Percent	10%, 13%, 36%
CMY	0.9020, 0.8745, 0.6392
CMYK	0.73, 0.65, 0.00, 0.64
HSL	234°, 57%, 23%
HSV	234°, 73%, 36%
XYZ	2.8492, 2.0124, 10.3635
YIQ	36.7470, -23.4320, 17.1760

Conversions

Conversions Part 2

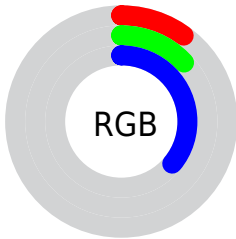
Format	Color
R_{YB}	25, 31, 92
Decimal	1646684
CIE _{Lab}	15.55, 19.32, -36.92
CIE _{LCh}	16, 41.665, 297.626
Yxy	2.0124, 0.1871, 0.1322
Android (android.graphics.Color)	4279836764 (0xFF19205C)
YUV	36.7470, 27.2397, -10.3021
Hunter-Lab	14.1859, 11.0256, -33.3840

Details

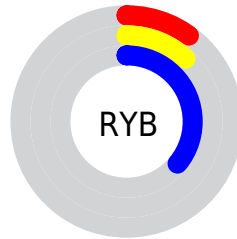
The Hex color **19205C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C5519**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4E4C8F**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **10185C**, and if you desaturate by 10%, it is **22285C**.

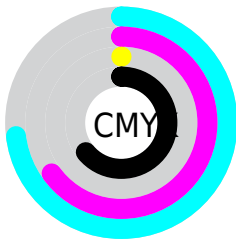
Distribution



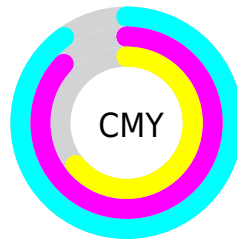
- Red (10%)
- Green (13%)
- Blue (36%)



- Red (10%)
- Yellow (12%)
- Blue (36%)



- Cyan (73%)
- Magenta (65%)
- Yellow (0%)
- Black (64%)



- Cyan (90%)
- Magenta (87%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19205C 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 19205C by changing the saturation by 10% instead.

■ 19205C

■ 19205C

FFFFFF

■ 000B44

■ 4E4C8F

■ 00032D

■ 6964AA

■ 000118

■ 837DC5

■ 000000

■ 9E97E1

■ BAB1FE

■ D6CDFF

■ F3E9FF

■ 19205C

■ 19205C

■ 10185C

■ 22285C

■ 07105C

■ 2B305C

■ 000A5C

■ 35395C

■ 3E415C

■ 47495C

■ 50515C

■ 595A5C

■ 63625C

■ 6C6A5C

Harmonies

Analogous

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



002C63



19205C



460B47

Triad

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



19205C



491700



003324

Complementary

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



19205C



5C5519

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.



003100



19205C



332500

Square

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



19205C



56000C



162D00



003342

Rectangle

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



19205C



540034



162D00



003219

Sweetspot

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



19205C



5D6078



195C54



2D2F3D



BDBDBD



3D3D3D

Same Dimension

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



19205C



101A78



33195C



292A2E



000B6E



0019ED

Inverse Universe

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



5C1920



78101A



425C19



2E292A



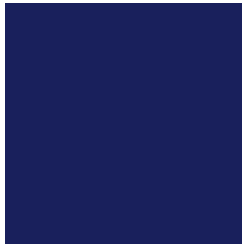
6E000B



ED0019

Previews

White Background



This preview shows how the Hex color 19205C looks on a white background.

Color Contrast Check

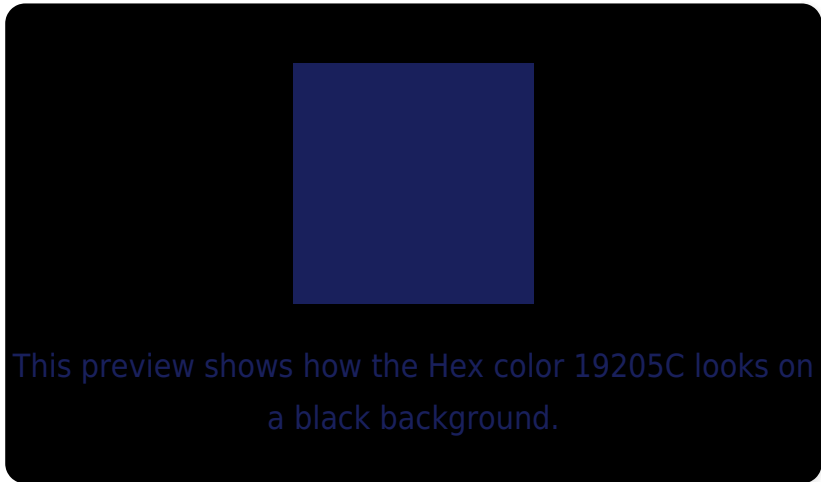
Large Text (above 18pt) WCAG AA ✓ Pass

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

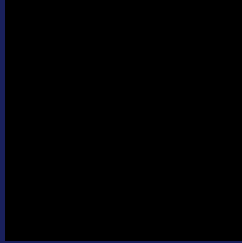
Any Text WCAG AA × Fail

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 19205C Background



This preview shows how black text looks on a background with the Hex color 19205C.



This preview shows how white text looks on a background with the Hex color 19205C.

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
19205C

Protanopia
002650

Deuteranopia
002845

Trichromacy



Original Color
19205C

Protanomaly
092454

Deuteranomaly
09254D

Tritanomaly
09283F

Monochromacy



Original Color
19205C

Achromatopsia
252525

Achromatomaly
212339

CSS Examples

Text

The CSS property to change the color of the text to Hex 19205C 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 #19205C looks like.

```
.text, #text, p{  
    color:#19205C  
}
```

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 #19205C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19205C
}
```

Border

The CSS property to change the border of an element to Hex 19205C 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
#19205C }
```

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

```
.border{ border-color:#19205C }
```

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

Here you see how a box with a 4 pixel #19205C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19205C; -webkit-box-shadow:4px 4px  
4px 4px #19205C; box-shadow:4px 4px 4px  
4px #19205C }
```

Background

The CSS property to change the background color of an element to Hex 19205C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19205C }
```

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

```
.background{ background-color:#19205C }
```

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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