

Converting Colors

Hex(22005C)

Have a look what the booklet for
Hex(22005C) contains.

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Color

Hex(22005C)

Conversions

Conversions Part 1

Format	Color
Hex	22005C
RGB	34, 0, 92
RGB Percent	13%, 0%, 36%
CMY	0.8667, 1.0000, 0.6392
CMYK	0.63, 1.00, 0.00, 0.64
HSL	262°, 100%, 18%
HSV	262°, 100%, 36%
XYZ	2.5915, 1.1128, 10.2034
YIQ	20.6540, -9.2680, 35.8200

Conversions

Conversions Part 2

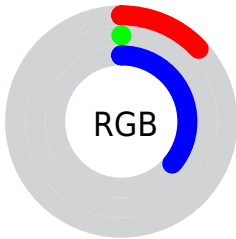
Format	Color
R_{YB}	34, 0, 92
Decimal	2228316
CIE _{Lab}	9.90, 38.86, -46.19
CIE _{LCh}	10, 60.364, 310.074
Yxy	1.1128, 0.1863, 0.0800
Android (android.graphics.Color)	4280418396 (0xFF22005C)
YUV	20.6540, 35.1736, 11.7044
Hunter-Lab	10.5489, 25.3901, -49.9641

Details

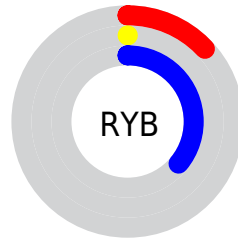
The Hex color **22005C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3A5C00**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **58308F**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **22005C**, and if you desaturate by 10%, it is **28095C**.

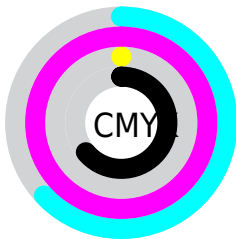
Distribution



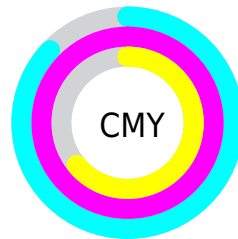
- Red (13%)
- Green (0%)
- Blue (36%)



- Red (13%)
- Yellow (0%)
- Blue (36%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (87%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22005C 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 22005C by changing the saturation by 10% instead.

 22005C

 22005C

 FFE8FF

 0B0044

 58308F

 00032D

 7348AA

 000117

 8E61C6

 000000

 AA7AE2

 C695FF

 E3B0FF

 FFCBFF

 22005C

■ 28095C

■ 2E125C

■ 331C5C

■ 39255C

■ 3F2E5C

■ 45375C

■ 4B405C

■ 504A5C

■ 56535C

Harmonies

Analogous

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



001F70



22005C



510038

Triad

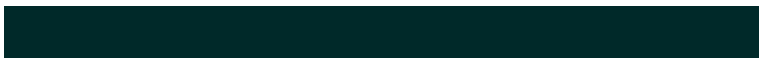
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22005C



380D00



002929

Complementary

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



22005C



3A5C00

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.



002800



22005C



161E00

Square

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



22005C



500000



002700



002B51

Rectangle

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



22005C



5A001D



002700



00281A

Sweetspot

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



22005C



615478



003A5C



2F273D



BDBDBD



3D3D3D

Same Dimension

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



22005C



2C0078



50005C



2B292E



29006E



5800ED

Inverse Universe

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



5C003A



78004C



0C5C00



2E292C



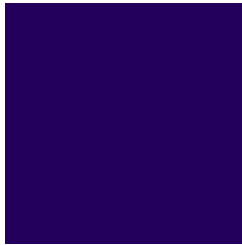
6E0045



ED0096

Previews

White Background



This preview shows how the Hex color 22005C looks on a white background.

Color Contrast Check

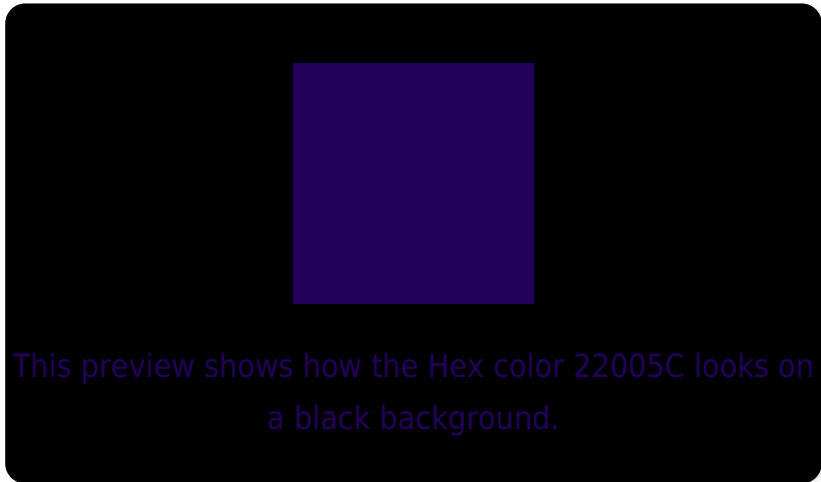
Large Text (above 18pt) WCAG AA ✓ Pass

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

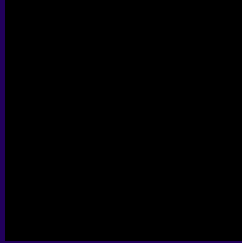
Any Text WCAG AA × Fail

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 22005C Background



This preview shows how black text looks on a background with the Hex color 22005C.



This preview shows how white text looks on a background with the Hex color 22005C.

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
22005C

Protanopia
001F41

Deuteranopia
002137

Trichromacy



Original Color
22005C

Protanomaly
0C144B

Deuteranomaly
0C1544

Tritanomaly
0C163A

Monochromacy



Original Color
22005C

Achromatopsia
151515

Achromatomaly
1A0D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 22005C 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 #22005C looks like.

```
.text, #text, p{  
    color:#22005C  
}
```

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 #22005C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22005C
}
```

Border

The CSS property to change the border of an element to Hex 22005C is called "border". The border property can be set on classes, ids or directly on the HTML element.

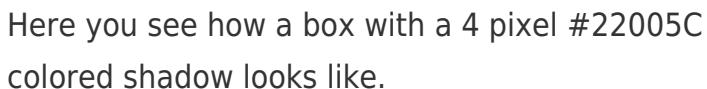
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22005C }
```

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

```
.border{ border-color:#22005C }
```

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



Here you see how a box with a 4 pixel #22005C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22005C; -webkit-box-shadow:4px 4px  
4px 4px #22005C; box-shadow:4px 4px 4px  
4px #22005C }
```

Background

The CSS property to change the background color of an element to Hex 22005C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22005C }
```

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

```
.background{ background-color:#22005C }
```

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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