

Converting Colors

Hex(24005C)

Have a look what the booklet for
Hex(24005C) contains.

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Color

Hex(24005C)

Conversions

Conversions Part 1

Format	Color
Hex	24005C
RGB	36, 0, 92
RGB Percent	14%, 0%, 36%
CMY	0.8588, 1.0000, 0.6392
CMYK	0.61, 1.00, 0.00, 0.64
HSL	263°, 100%, 18%
HSV	263°, 100%, 36%
XYZ	2.6593, 1.1478, 10.2066
YIQ	21.2520, -8.0760, 36.2440

Conversions

Conversions Part 2

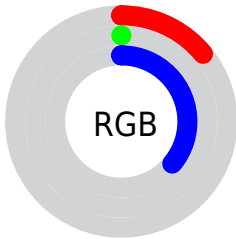
Format	Color
R_{YB}	36, 0, 92
Decimal	2359388
CIE _{Lab}	10.17, 39.01, -45.74
CIE _{LCh}	10, 60.112, 310.458
Yxy	1.1478, 0.1898, 0.0819
Android (android.graphics.Color)	4280549468 (0xFF24005C)
YUV	21.2520, 34.8788, 12.9340
Hunter-Lab	10.7134, 25.5594, -48.9857

Details

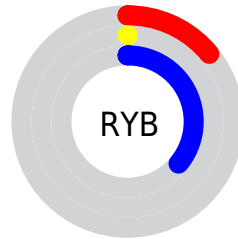
The Hex color **24005C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **385C00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5A308F**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **24005C**, and if you desaturate by 10%, it is **2A095C**.

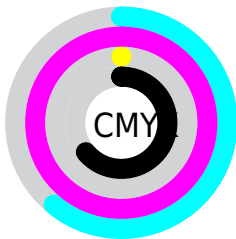
Distribution



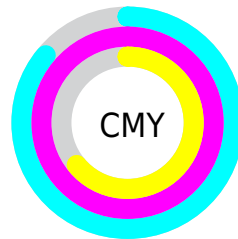
- Red (14%)
- Green (0%)
- Blue (36%)



- Red (14%)
- Yellow (0%)
- Blue (36%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24005C 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 24005C by changing the saturation by 10% instead.

 24005C

 24005C

 FFE8FF

 0E0044

 5A308F

 00032D

 7448AA

 000117

 9061C6

 000000

 AB7BE2

 C895FF

 E5B0FF

 FFCCFF

 24005C

■ 2A095C

■ 2F125C

■ 351C5C

■ 3A255C

■ 402E5C

■ 46375C

■ 4B405C

■ 514A5C

■ 56535C

Harmonies

Analogous

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



001F70



24005C



520038

Triad

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



24005C



380E00



00292A

Complementary

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



24005C



385C00

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



24005C



171F00

Square

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



24005C



500000



002700



002C51

Rectangle

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



24005C



5B001E



002700



00291C

Sweetspot

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



24005C



625478



00395C



30273D



BDBDBD



3D3D3D

Same Dimension

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



24005C



2F0078



51005C



2B292E



2B006E



5D00ED

Inverse Universe

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



5C0038



780049



0B5C00



2E292C



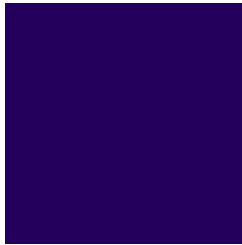
6E0043



ED0090

Previews

White Background



This preview shows how the Hex color 24005C looks on a white background.

Color Contrast Check

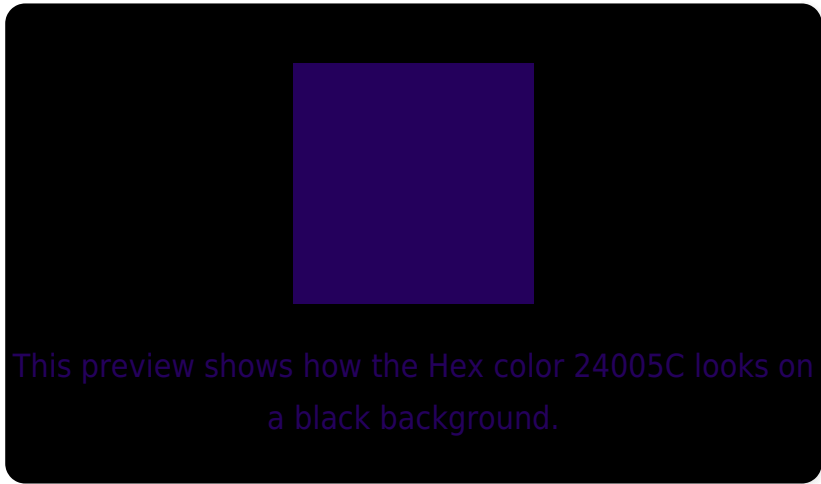
Large Text (above 18pt) WCAG AA ✓ Pass

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

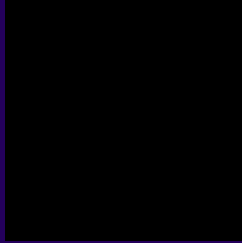
Any Text WCAG AA × Fail

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 24005C Background



This preview shows how black text looks on a background with the Hex color 24005C.



This preview shows how white text looks on a background with the Hex color 24005C.

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
24005C

Protanopia
001F42

Deuteranopia
002138



Tritanopia
062427

Trichromacy



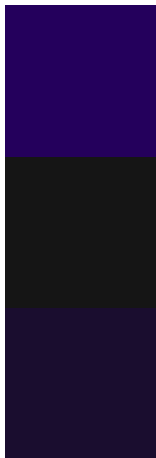
Original Color
24005C

Protanomaly
0D144B

Deuteranomaly
0D1545

Tritanomaly
11173A

Monochromacy



Original Color
24005C

Achromatopsia
151515

Achromatomaly
1A0D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 24005C 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 #24005C looks like.

```
.text, #text, p{  
    color:#24005C  
}
```

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 #24005C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24005C
}
```

Border

The CSS property to change the border of an element to Hex 24005C is called "border". The border property can be set on classes, ids or directly on the HTML element.

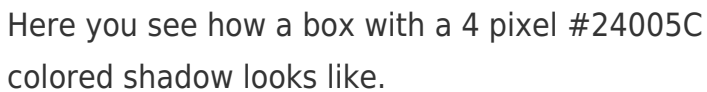
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24005C }
```

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

```
.border{ border-color:#24005C }
```

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



Here you see how a box with a 4 pixel #24005C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24005C; -webkit-box-shadow:4px 4px  
4px 4px #24005C; box-shadow:4px 4px 4px  
4px #24005C }
```

Background

The CSS property to change the background color of an element to Hex 24005C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24005C }
```

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

```
.background{ background-color:#24005C }
```

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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