

Converting Colors

Hex(24205F)

Have a look what the booklet for
Hex(24205F) contains.

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Color

Hex(24205F)

Conversions

Conversions Part 1

Format	Color
Hex	24205F
RGB	36, 32, 95
RGB Percent	14%, 13%, 37%
CMY	0.8588, 0.8745, 0.6275
CMYK	0.62, 0.66, 0.00, 0.63
HSL	244°, 50%, 25%
HSV	244°, 66%, 37%
XYZ	3.3096, 2.2343, 11.0833
YIQ	40.3780, -17.8390, 20.4410

Conversions

Conversions Part 2

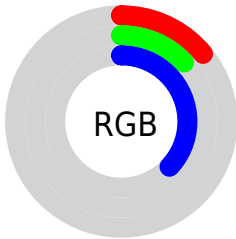
Format	Color
R_{YB}	36, 32, 95
Decimal	2367583
CIE _{Lab}	16.67, 22.45, -37.05
CIE _{LCh}	17, 43.321, 301.209
Yxy	2.2343, 0.1990, 0.1344
Android (android.graphics.Color)	4280557663 (0xFF24205F)
YUV	40.3780, 26.9286, -3.8395
Hunter-Lab	14.9476, 13.3642, -33.4988

Details

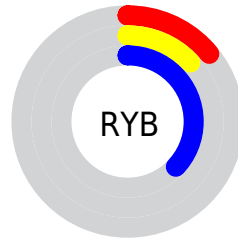
The Hex color **24205F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B5F20**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **584C92**, and **000030** is the 20% darker color. If you saturate the color by 10%, you get **1B165F**, and if you desaturate by 10%, it is **2D295F**.

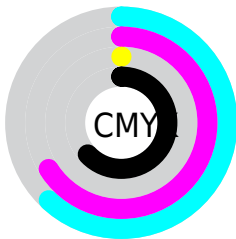
Distribution



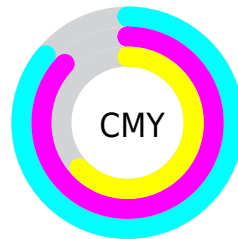
- Red (14%)
- Green (13%)
- Blue (37%)



- Red (14%)
- Yellow (13%)
- Blue (37%)



- Cyan (62%)
- Magenta (66%)
- Yellow (0%)
- Black (63%)



- Cyan (86%)
- Magenta (87%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24205F 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 24205F by changing the saturation by 10% instead.

■ 24205F

■ 24205F

FFFFFF

■ 050C47

■ 584C92

■ 000030

■ 7264AD

■ 00011A

■ 8C7DC9

■ 000000

■ A897E5

■ C4B2FF

■ E0CEFF

■ FDEAFF

■ 24205F

■ 24205F

■ 1B165F

■ 2D295F

■ 120D5F

■ 36335F

■ 09035F

■ 3F3D5F

■ 06005F

■ 48465F

■ 50505F

■ 59595F

■ 62625F

■ 6B6C5F

■ 74765F

Harmonies

Analogous

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



002D68



24205F



4E0848

Triad

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



24205F



4B1B00



00352A

Complementary

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



24205F



5B5F20

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.



003406



24205F



332900

Square

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



24205F



5A0208



133000



003649

Rectangle

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



24205F



5A0034



133000



00351F

Sweetspot

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



24205F



63627A



205C5F



2F2F3D



BDBDBD



3D3D3D

Same Dimension

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



24205F



1F187A



43205F



2C2C30



070070



0F00F0

Inverse Universe

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



5F205B



7A1874



3C5F20



302C30



700069



F000E0

Previews

White Background



This preview shows how the Hex color 24205F looks on a white background.

Color Contrast Check

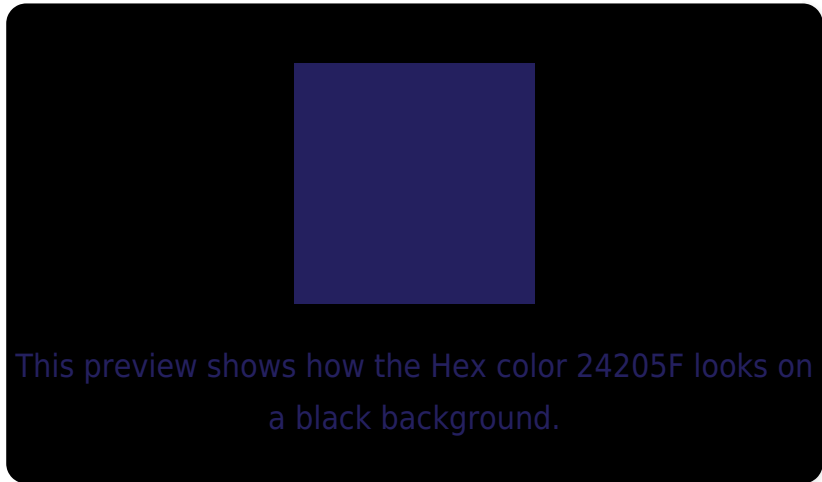
Large Text (above 18pt) WCAG AA ✓ Pass

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

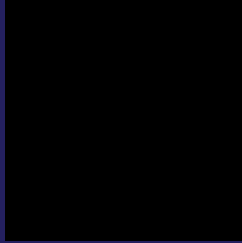
Any Text WCAG AA × Fail

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 24205F Background



This preview shows how black text looks on a background with the Hex color 24205F.



This preview shows how white text looks on a background with the Hex color 24205F.

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
24205F

Protanopia
002855

Deuteranopia
002B49

Trichromacy



Original Color
24205F

Protanomaly
0D2559

Deuteranomaly
0D2751

Tritanomaly
132942

Monochromacy



Original Color
24205F

Achromatopsia
282828

Achromatomaly
27253C

CSS Examples

Text

The CSS property to change the color of the text to Hex 24205F 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 #24205F looks like.

```
.text, #text, p{  
    color:#24205F  
}
```

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 #24205F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24205F
}
```

Border

The CSS property to change the border of an element to Hex 24205F is called "border". The border property can be set on classes, ids or directly on the HTML element.

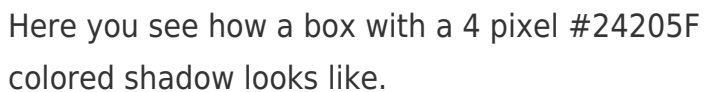
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24205F }
```

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

```
.border{ border-color:#24205F }
```

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



Here you see how a box with a 4 pixel #24205F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24205F; -webkit-box-shadow:4px 4px  
4px 4px #24205F; box-shadow:4px 4px 4px  
4px #24205F }
```

Background

The CSS property to change the background color of an element to Hex 24205F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24205F }
```

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

```
.background{ background-color:#24205F }
```

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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