

Converting Colors

Hex(24165D)

Have a look what the booklet for
Hex(24165D) contains.

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Color

Hex(24165D)

Conversions

Conversions Part 1

Format	Color
Hex	24165D
RGB	36, 22, 93
RGB Percent	14%, 9%, 36%
CMY	0.8588, 0.9137, 0.6353
CMYK	0.61, 0.76, 0.00, 0.64
HSL	252°, 62%, 23%
HSV	252°, 76%, 36%
XYZ	2.9902, 1.7392, 10.5340
YIQ	34.2800, -14.4470, 25.0490

Conversions

Conversions Part 2

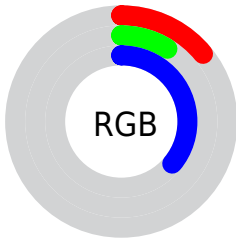
Format	Color
RYB	36, 22, 93
Decimal	2365021
CIELab	14.05, 28.30, -40.00
CIELCh	14, 48.995, 305.281
Yxy	1.7392, 0.1959, 0.1139
Android (android.graphics.Color)	4280555101 (0xFF24165D)
YUV	34.2800, 28.9490, 1.5084
Hunter-Lab	13.1879, 17.3947, -38.1273




Details

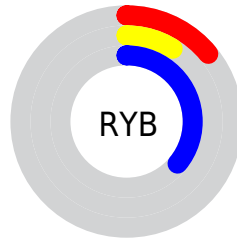
The Hex color **24165D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4F5D16**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **584290**, and **00012E** is the 20% darker color. If you saturate the color by 10%, you get **1D0D5D**, and if you desaturate by 10%, it is **2B1F5D**.

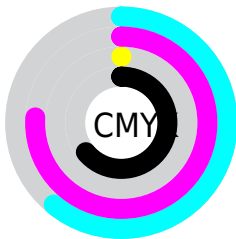
Distribution







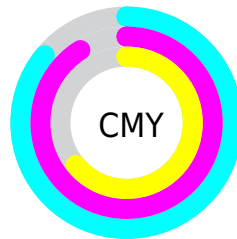
-  Red (14%)
-  Green (9%)
-  Blue (36%)






-  Red (14%)
-  Yellow (9%)
-  Blue (36%)



-  Cyan (61%)
-  Magenta (76%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (86%)
-  Magenta (91%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24165D 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 24165D by changing the saturation by 10% instead.

■ 24165D

■ 24165D

■ FFFBFF

■ 070045

■ 584290

■ 00012E

■ 725AAB

■ 000118

■ 8D73C7

■ 000000

■ A98DE3

■ C5A7FF

■ E1C3FF

■ FEDFFF

■ 24165D

■ 24165D

■ 1D0D5D

■ 2B1F5D

■ 15035D

■ 33295D

■ 12005D

■ 3A325D

■ 423B5D

■ 49445D

■ 514E5D

■ 58575D

■ 60605D

■ 676A5D

Harmonies

Analogous

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



00276A



24165D



4F0041

Triad

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



24165D



431500



003129

Complementary

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



24165D



4F5D16

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.



002F00



24165D



282500

Square

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



24165D



560000



002C00



00314B

Rectangle

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



24165D



5A002B



002C00



00311D

Sweetspot

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



24165D



625C78



16505D



2F2C3D



BDBDBD



3D3D3D

Same Dimension

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



24165D



1F0A78



47165D



2A292E



16006E



2F00ED

Inverse Universe

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



5D164F



780A62



2C5D16



2E292D



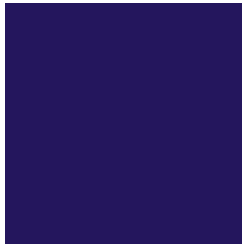
6E0058



ED00BE

Previews

White Background



This preview shows how the Hex color 24165D looks on a white background.

Color Contrast Check

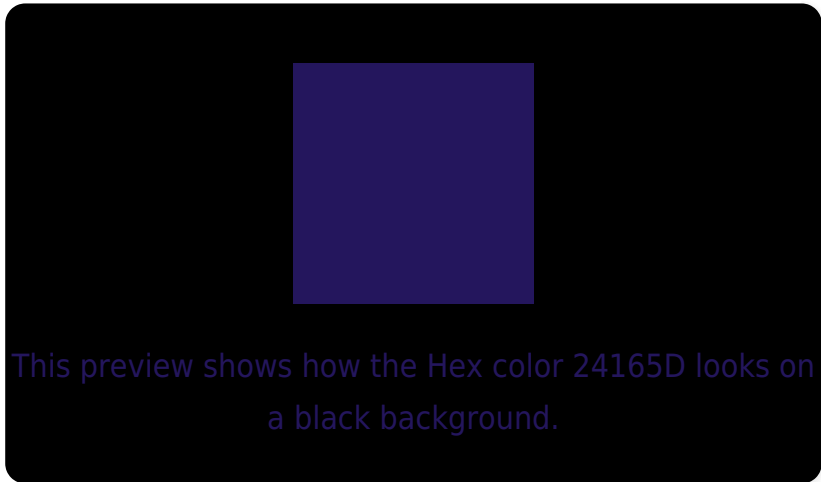
Large Text (above 18pt) WCAG AA ✓ Pass

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

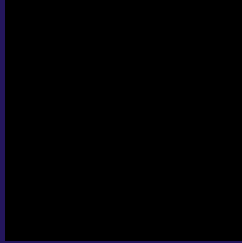
Any Text WCAG AA × Fail

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 24165D Background



This preview shows how black text looks on a background with the Hex color 24165D.



This preview shows how white text looks on a background with the Hex color 24165D.

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
24165D

Protanopia
00234B

Deuteranopia
002640



Tritanopia
09292C

Trichromacy



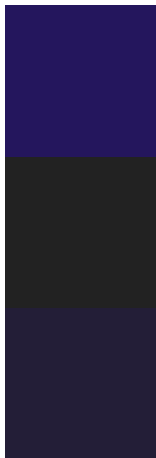
Original Color
24165D

Protanomaly
0D1E52

Deuteranomaly
0D204B

Tritanomaly
13223E

Monochromacy



Original Color
24165D

Achromatopsia
222222

Achromatomaly
231E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 24165D 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 #24165D looks like.

```
.text, #text, p{  
    color:#24165D  
}
```

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 #24165D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24165D
}
```

Border

The CSS property to change the border of an element to Hex 24165D is called "border". The border property can be set on classes, ids or directly on the HTML element.

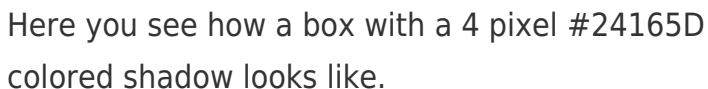
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24165D }
```

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

```
.border{ border-color:#24165D }
```

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



Here you see how a box with a 4 pixel #24165D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24165D; -webkit-box-shadow:4px 4px  
4px 4px #24165D; box-shadow:4px 4px 4px  
4px #24165D }
```

Background

The CSS property to change the background color of an element to Hex 24165D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24165D }
```

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

```
.background{ background-color:#24165D }
```

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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