

Converting Colors

Hex(24105A)

Have a look what the booklet for
Hex(24105A) contains.

Hex(24105A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(24105A)

Conversions

Conversions Part 1

Format	Color
Hex	24105A
RGB	36, 16, 90
RGB Percent	14%, 6%, 35%
CMY	0.8588, 0.9373, 0.6471
CMYK	0.60, 0.82, 0.00, 0.65
HSL	256°, 70%, 21%
HSV	256°, 82%, 35%
XYZ	2.7583, 1.4838, 9.8139
YIQ	30.4160, -11.8340, 27.2540

Conversions

Conversions Part 2

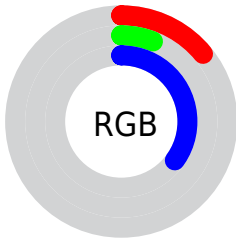
Format	Color
RYB	36, 16, 90
Decimal	2363482
CIELab	12.50, 30.79, -40.53
CIElCh	13, 50.893, 307.223
Yxy	1.4838, 0.1962, 0.1056
Android (android.graphics.Color)	4280553562 (0xFF24105A)
YUV	30.4160, 29.3749, 4.8972
Hunter-Lab	12.1813, 19.1020, -39.2403




Details

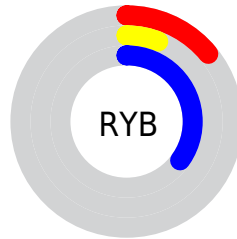
The Hex color **24105A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **465A10**, and the grayscale version is **1E1E1E**.




A 20% lighter version of the original color is **583D8D**, and **00032B** is the 20% darker color. If you saturate the color by 10%, you get **1D075A**, and if you desaturate by 10%, it is **2B195A**.

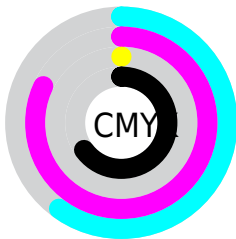
Distribution







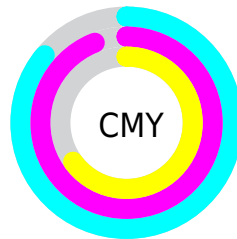
-  Red (14%)
-  Green (6%)
-  Blue (35%)






-  Red (14%)
-  Yellow (6%)
-  Blue (35%)



-  Cyan (60%)
-  Magenta (82%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (86%)
-  Magenta (94%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24105A 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 24105A by changing the saturation by 10% instead.

 24105A

 24105A

 FFF5FF

 0B0042

 583D8D

 00032B

 7254A8

 000115

 8D6DC3

 000000

 A887DF

 C4A1FC

 E1BCFF

 FED8FF

 24105A

 24105A

■ 1D075A

■ 2B195A

■ 18005A

■ 31225A

■ 382B5A

■ 3E345A

■ 453D5A

■ 4B465A

■ 524F5A

■ 59585A

■ 5F615A

Harmonies

Analogous

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



002469



24105A



4E003D

Triad

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



24105A



3E1300



002F28

Complementary

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



24105A



465A10

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.



002D00



24105A



222200

Square

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



24105A



520000



002900



002E4B

Rectangle

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



24105A



580026



002900



002E1C

Sweetspot

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



24105A



605875



10465A



2E293B



BABABA



3B3B3B

Same Dimension

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



24105A



210175



49105A



2B292E



1E006E



4000ED

Inverse Universe

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



5A1046



750156



215A10



2E292D



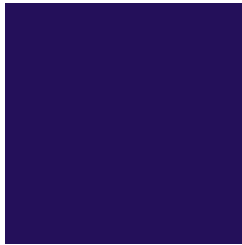
6E0050



ED00AD

Previews

White Background



This preview shows how the Hex color 24105A looks on a white background.

Color Contrast Check

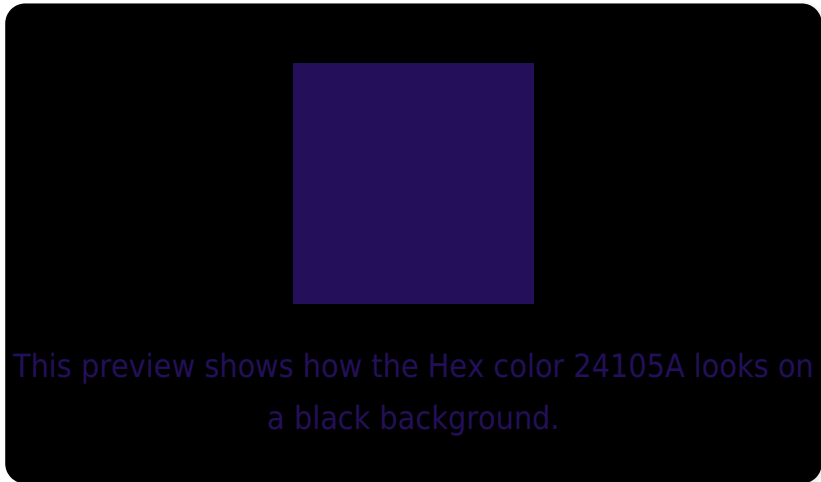
Large Text (above 18pt) WCAG AA ✓ Pass

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

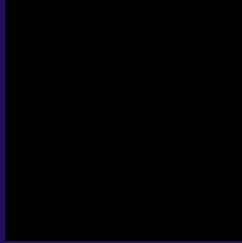
Any Text WCAG AA × Fail

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 24105A Background



This preview shows how black text looks on a background with the Hex color 24105A.



This preview shows how white text looks on a background with the Hex color 24105A.

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
24105A

Protanopia
002145

Deuteranopia
00233B



Tritanopia
0C2528

Trichromacy



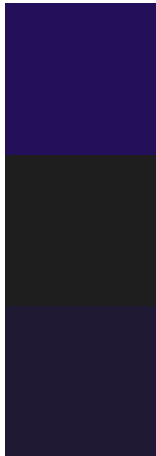
Original Color
24105A

Protanomaly
0D1B4D

Deuteranomaly
0D1C46

Tritanomaly
151D3A

Monochromacy



Original Color
24105A

Achromatopsia
1E1E1E

Achromatomaly
201934

CSS Examples

Text

The CSS property to change the color of the text to Hex 24105A 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 #24105A looks like.

```
.text, #text, p{  
    color:#24105A  
}
```

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 #24105A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24105A
}
```

Border

The CSS property to change the border of an element to Hex 24105A 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
#24105A }
```

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

```
.border{ border-color:#24105A }
```

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

Here you see how a box with a 4 pixel #24105A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24105A; -webkit-box-shadow:4px 4px  
4px 4px #24105A; box-shadow:4px 4px 4px  
4px #24105A }
```

Background

The CSS property to change the background color of an element to Hex 24105A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24105A }
```

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

```
.background{ background-color:#24105A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor