

Converting Colors

Hex(25084A)

Have a look what the booklet for
Hex(25084A) contains.

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Color

Hex(25084A)

Conversions

Conversions Part 1

Format	Color
Hex	25084A
RGB	37, 8, 74
RGB Percent	15%, 3%, 29%
CMY	0.8549, 0.9686, 0.7098
CMYK	0.50, 0.89, 0.00, 0.71
HSL	266°, 80%, 16%
HSV	266°, 89%, 29%
XYZ	2.0858, 1.0614, 6.5735
YIQ	24.1950, -3.9020, 26.6740

Conversions

Conversions Part 2

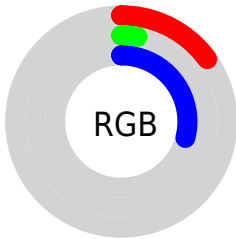
Format	Color
R_{YB}	37, 8, 74
Decimal	2426954
CIE Lab	9.49, 30.10, -34.51
CIE LCh	9, 45.791, 311.101
Yxy	1.0614, 0.2146, 0.1092
Android (android.graphics.Color)	4280617034 (0xFF25084A)
YUV	24.1950, 24.5539, 11.2300
Hunter-Lab	10.3024, 18.1098, -30.6186




Details

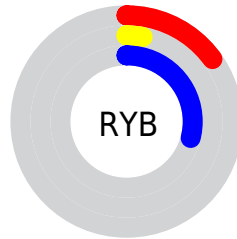
The Hex color **25084A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2D4A08**, and the grayscale version is **181818**.




A 20% lighter version of the original color is **57357C**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **21014A**, and if you desaturate by 10%, it is **290F4A**.

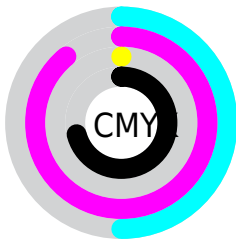
Distribution







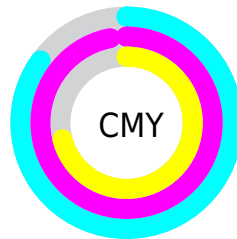
-  Red (15%)
-  Green (3%)
-  Blue (29%)






-  Red (15%)
-  Yellow (3%)
-  Blue (29%)



-  Cyan (50%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (85%)
-  Magenta (97%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25084A 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 25084A by changing the saturation by 10% instead.

 25084A

 25084A

 FFECFF

 130033

 57357C

 00021D

 704D96

 000000

 8B65B1

 A67FCC

 C299E9

 DEB4FF

 FBD0FF

 25084A

 25084A

■ 21014A

■ 290F4A

■ 21004A

■ 2D174A

■ 311E4A

■ 36264A

■ 3A2D4A

■ 3E344A

■ 423C4A

■ 46434A

■ 4A4B4A

Harmonies

Analogous

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



001C59



25084A



44002F

Triad

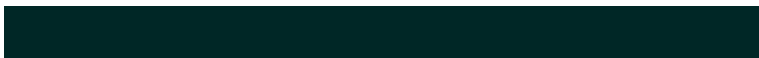
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25084A



321100



002726

Complementary

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



25084A



2D4A08

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.



002700



25084A



181D00

Square

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



25084A



440000



002400



002743

Rectangle

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



25084A



4B001B



002400



00271B

Sweetspot

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



25084A



524761



082D4A



282130



B0B0B0



303030

Same Dimension

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



25084A



2B0061



46084A



242226



2D0066



6500E6

Inverse Universe

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



4A082D



610036



0C4A08



262225



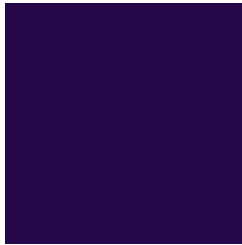
660039



E60081

Previews

White Background



This preview shows how the Hex color 25084A looks on a white background.

Color Contrast Check

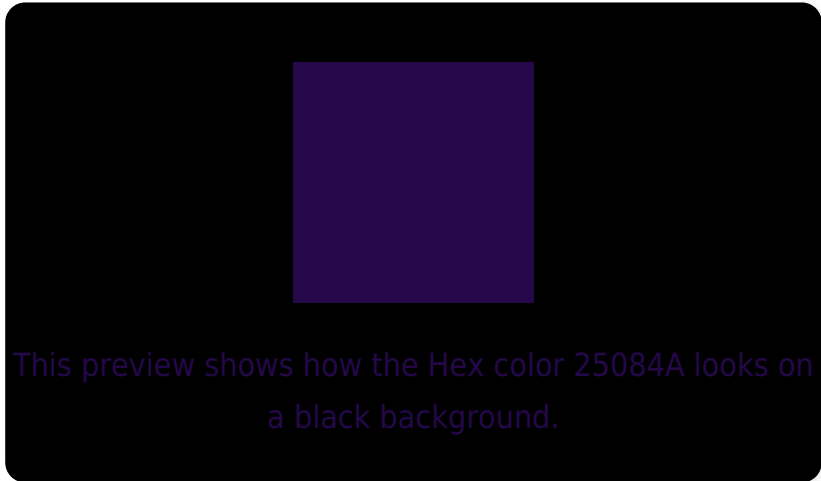
Large Text (above 18pt) WCAG AA ✓ Pass

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

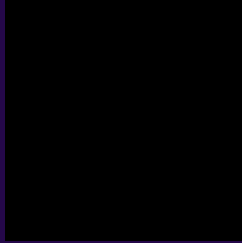
Any Text WCAG AA × Fail

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 25084A Background



This preview shows how black text looks on a background with the Hex color 25084A.



This preview shows how white text looks on a background with the Hex color 25084A.

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
25084A

Protanopia
001C3B

Deuteranopia
001E32



Tritanopia
191D20

Trichromacy



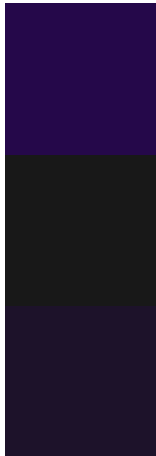
Original Color
25084A

Protanomaly
0D1540

Deuteranomaly
0D163B

Tritanomaly
1D152F

Monochromacy



Original Color
25084A

Achromatopsia
181818

Achromatomaly
1D122A

CSS Examples

Text

The CSS property to change the color of the text to Hex 25084A 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 #25084A looks like.

```
.text, #text, p{  
    color:#25084A  
}
```

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 #25084A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25084A
}
```

Border

The CSS property to change the border of an element to Hex 25084A 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
#25084A }
```

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

```
.border{ border-color:#25084A }
```

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

Here you see how a box with a 4 pixel #25084A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25084A; -webkit-box-shadow:4px 4px  
4px 4px #25084A; box-shadow:4px 4px 4px  
4px #25084A }
```

Background

The CSS property to change the background color of an element to Hex 25084A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25084A }
```

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

```
.background{ background-color:#25084A }
```

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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