

# Converting Colors

Hex(25187A)

Have a look what the booklet for  
Hex(25187A) contains.

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# Color

**Hex(25187A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25187A
RGB	37, 24, 122
RGB Percent	15%, 9%, 48%
CMY	0.8549, 0.9059, 0.5216
CMYK	0.70, 0.80, 0.00, 0.52
HSL	248°, 67%, 29%
HSV	248°, 80%, 48%
XYZ	4.6024, 2.4517, 18.6430
YIQ	39.0590, -23.7100, 33.2340

# Conversions

## Conversions Part 2

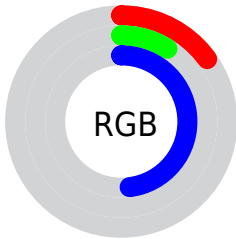
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 24, 122
Decimal	2431098
CIE <sub>Lab</sub>	17.70, 36.99, -52.96
CIE <sub>LCh</sub>	18, 64.596, 304.935
Yxy	2.4517, 0.1791, 0.0954
Android (android.graphics.Color)	4280621178 (0xFF25187A)
YUV	39.0590, 40.8899, -1.8057
Hunter-Lab	15.6580, 25.0660, -59.6324




# Details

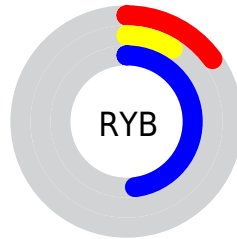
The Hex color **25187A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **6D7A18**, and the grayscale version is **272727**.




A 20% lighter version of the original color is **5F46B0**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **1A0C7A**, and if you desaturate by 10%, it is **30247A**.

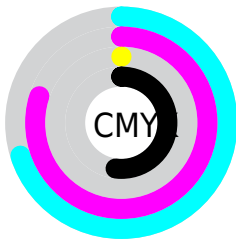
# Distribution







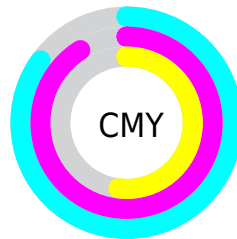
-  Red (15%)
-  Green (9%)
-  Blue (48%)






-  Red (15%)
-  Yellow (9%)
-  Blue (48%)



-  Cyan (70%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (85%)
-  Magenta (91%)
-  Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25187A 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 25187A by changing the saturation by 10% instead.



■ 25187A

■ 25187A

FFFFFF

■ 000360

■ 5F46B0

■ 000048

■ 7B5ECB

■ 000430

■ 9777E8

■ 00011B

■ B391FF

■ 000000

■ D0ACFF

■ EDC8FF

■ FFE4FF

■ 25187A

■ 25187A

■ 1A0C7A

■ 30247A

■ 10007A

■ 3A307A

■ 453D7A

■ 4F497A

■ 5A557A

■ 64617A

■ 6F6D7A

■ 7A7A7A

■ 84867A

# Harmonies

## Analogous

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



00318C



25187A



640054

# Triad

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



25187A



541600



003C32

# Complementary

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



25187A



6D7A18

# 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.



003A00



25187A



302D00

# Square

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



25187A



6D0000



003600



003C61

# Rectangle

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



25187A



730036



003600



003B22



# Sweetspot

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



25187A



7D789E



186F7A



3B384F



CFCFCF



4F4F4F



# Same Dimension

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



25187A



1A069E



54187A



38373D



11007D



2100FC



# Inverse Universe

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



7A186D



9E068A



3E7A18



3D373C



7D006C

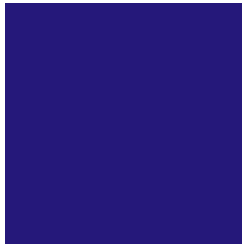


FC00DB



# Previews

## White Background



This preview shows how the Hex color 25187A looks on a white background.

## Color Contrast Check

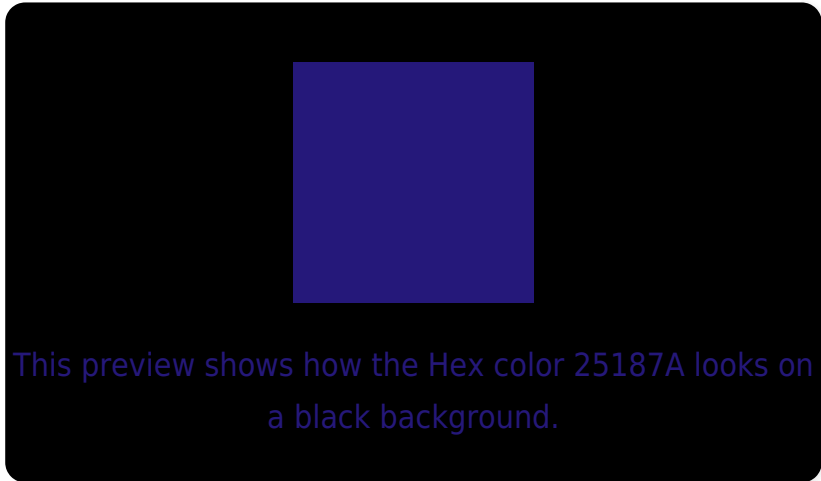
Large Text (above 18pt) WCAG AA ✓ Pass

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

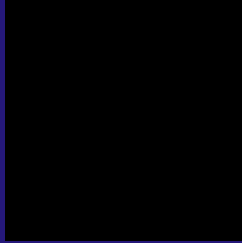
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 25187A Background



This preview shows how black text looks on a background with the Hex color 25187A.



This preview shows how white text looks on a background with the Hex color 25187A.

# 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**  
25187A

**Protanopia**  
002B5A

**Deuteranopia**  
002E4D



# Trichromacy



**Original Color**  
25187A

**Protanomaly**  
0D2466

**Deuteranomaly**  
0D265D

**Tritanomaly**  
0D284D

# Monochromacy



**Original Color**  
25187A

**Achromatopsia**  
272727

**Achromatomaly**  
262245

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25187A 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 #25187A looks like.

```
.text, #text, p{  
    color:#25187A  
}
```

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 #25187A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25187A
}
```

## Border

The CSS property to change the border of an element to Hex 25187A 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
#25187A }
```

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

```
.border{ border-color:#25187A }
```

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

Here you see how a box with a 4 pixel #25187A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25187A; -webkit-box-shadow:4px 4px  
4px 4px #25187A; box-shadow:4px 4px 4px  
4px #25187A }
```

# Background

The CSS property to change the background color of an element to Hex 25187A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25187A }
```

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

```
.background{ background-color:#25187A }
```

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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