

Converting Colors

Hex(25227A)

Have a look what the booklet for
Hex(25227A) contains.

Hex(25227A)	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(25227A)

Conversions

Conversions Part 1

Format	Color
Hex	25227A
RGB	37, 34, 122
RGB Percent	15%, 13%, 48%
CMY	0.8549, 0.8667, 0.5216
CMYK	0.70, 0.72, 0.00, 0.52
HSL	242°, 56%, 31%
HSV	242°, 72%, 48%
XYZ	4.8478, 2.9425, 18.7248
YIQ	44.9290, -26.4600, 28.0040

Conversions

Conversions Part 2

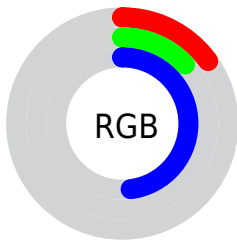
Format	Color
R_{YB}	37, 34, 122
Decimal	2433658
CIE _{Lab}	19.81, 31.06, -49.47
CIE _{LCh}	20, 58.419, 302.124
Yxy	2.9425, 0.1828, 0.1110
Android (android.graphics.Color)	4280623738 (0xFF25227A)
YUV	44.9290, 37.9960, -6.9537
Hunter-Lab	17.1537, 20.4269, -52.7126

Details

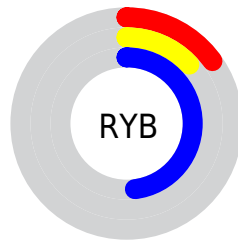
The Hex color **25227A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **777A22**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5E4FAF**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **19167A**, and if you desaturate by 10%, it is **312E7A**.

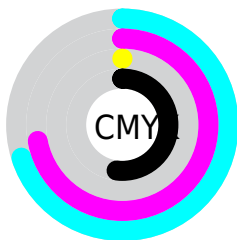
Distribution



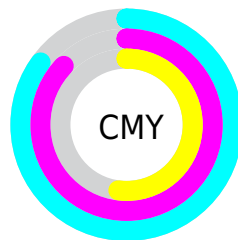
- Red (15%)
- Green (13%)
- Blue (48%)



- Red (15%)
- Yellow (13%)
- Blue (48%)



- Cyan (70%)
- Magenta (72%)
- Yellow (0%)
- Black (52%)



- Cyan (85%)
- Magenta (87%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25227A 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 25227A by changing the saturation by 10% instead.

■ 25227A

■ 25227A

FFFFFF

■ 000D61

■ 5E4FAF

■ 000048

■ 7A68CB

■ 000431

■ 9681E8

■ 00011B

■ B29BFF

■ 000000

■ CEB6FF

■ ECD2FF

■ FFEEFF

■ 25227A

■ 25227A

■ 19167A

■ 312E7A

■ 0D0A7A

■ 3D3A7A

■ 04007A

■ 48477A

■ 54537A

■ 605F7A

■ 6C6B7A

■ 77777A

■ 83847A

■ 8F907A

Harmonies

Analogous

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



003688



25227A



620059

Triad

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



25227A



5A1B00



003F32

Complementary

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



25227A



777A22

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.



003D00



25227A



3A3000

Square

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



25227A



700000



033900



00405D

Rectangle

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



25227A



72003D



033900



003F23

Sweetspot

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



25227A



7D7B9E



22777A



3B3A4F



CFCFCF



4F4F4F

Same Dimension

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



25227A



19159E



51227A



37373D



04007D



0900FC

Inverse Universe

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



7A2277



9E1599



4B7A22



3D373D



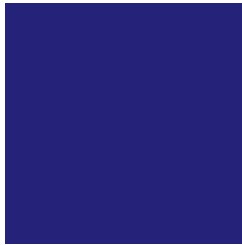
7D0079



FC00F4

Previews

White Background



This preview shows how the Hex color 25227A looks on a white background.

Color Contrast Check

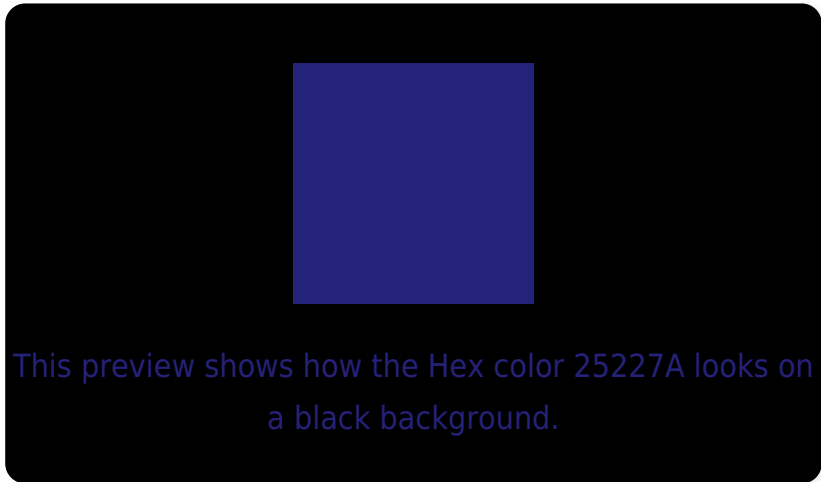
Large Text (above 18pt) WCAG AA ✓ Pass

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

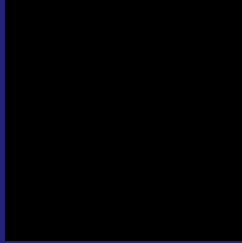
Any Text WCAG AA × Fail

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 25227A Background



This preview shows how black text looks on a background with the Hex color 25227A.



This preview shows how white text looks on a background with the Hex color 25227A.

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
25227A

Protanopia
002F62

Deuteranopia
003254

Trichromacy



Original Color
25227A

Protanomaly
0D2A6B

Deuteranomaly
0D2C62

Tritanomaly
0D2F51

Monochromacy



Original Color
25227A

Achromatopsia
2D2D2D

Achromatomaly
2A2949

CSS Examples

Text

The CSS property to change the color of the text to Hex 25227A 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 #25227A looks like.

```
.text, #text, p{  
    color:#25227A  
}
```

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 #25227A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25227A
}
```

Border

The CSS property to change the border of an element to Hex 25227A 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".

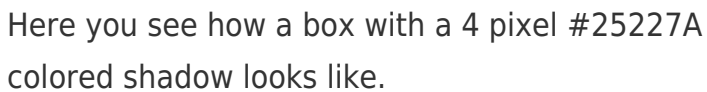
```
.border, #border, table{ border:4px solid
#25227A }
```

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

```
.border{ border-color:#25227A }
```

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

Here you see how a box with a 4 pixel #25227A colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25227A; -webkit-box-shadow:4px 4px  
4px 4px #25227A; box-shadow:4px 4px 4px  
4px #25227A }
```

Background

The CSS property to change the background color of an element to Hex 25227A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25227A }
```

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

```
.background{ background-color:#25227A }
```

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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