

Converting Colors

Hex(2A216D)

Have a look what the booklet for
Hex(2A216D) contains.

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Color

Hex(2A216D)

Conversions

Conversions Part 1

Format	Color
Hex	2A216D
RGB	42, 33, 109
RGB Percent	16%, 13%, 43%
CMY	0.8353, 0.8706, 0.5725
CMYK	0.61, 0.70, 0.00, 0.57
HSL	247°, 54%, 28%
HSV	247°, 70%, 43%
XYZ	4.2590, 2.6841, 14.7616
YIQ	44.3550, -19.0320, 25.5440

Conversions

Conversions Part 2

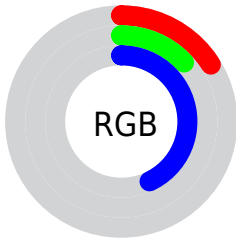
Format	Color
R_{YB}	42, 33, 109
Decimal	2761069
CIE _{Lab}	18.73, 27.89, -42.86
CIE _{LCh}	19, 51.136, 303.051
Yxy	2.6841, 0.1962, 0.1237
Android (android.graphics.Color)	4280951149 (0xFF2A216D)
YUV	44.3550, 31.8700, -2.0653
Hunter-Lab	16.3832, 17.7329, -41.9534

Details

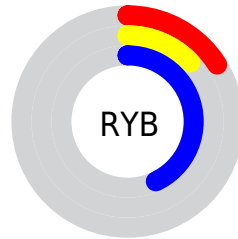
The Hex color **2A216D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **646D21**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5F4EA1**, and **00003D** is the 20% darker color. If you saturate the color by 10%, you get **20166D**, and if you desaturate by 10%, it is **342C6D**.

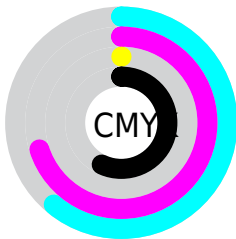
Distribution



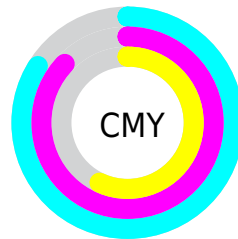
- Red (16%)
- Green (13%)
- Blue (43%)



- Red (16%)
- Yellow (13%)
- Blue (43%)



- Cyan (61%)
- Magenta (70%)
- Yellow (0%)
- Black (57%)



- Cyan (84%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A216D 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 2A216D by changing the saturation by 10% instead.

■ 2A216D

■ 2A216D

FFFFFF

■ 090C54

■ 5F4EA1

■ 00003D

■ 7A66BD

■ 000226

■ 9580D9

■ 00010E

■ B19AF5

■ 000000

■ CDB5FF

■ EAD0FF

■ FFEDFF

■ 2A216D

■ 2A216D

■ 20166D

■ 342C6D

■ 170B6D

■ 3D376D

■ 0D006D

■ 47426D

■ 504D6D

■ 5A576D

■ 64626D

■ 6D6D6D

■ 77786D

■ 80836D

Harmonies

Analogous

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



003279



2A216D



5A0050

Triad

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



2A216D



531D00



003C31

Complementary

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



2A216D



646D21

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.



003A06



2A216D



362E00

Square

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



2A216D



660003



0B3600



003C56

Rectangle

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



2A216D



680038



0B3600



003B23

Sweetspot

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



2A216D



74718F



21646D



383647



C7C7C7



474747

Same Dimension

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



2A216D



25178F



50216D



313036



0E0075



1D00F5

Inverse Universe

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



6D2164



8F1781



3E6D21



363035



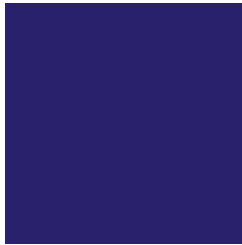
750067



F500D8

Previews

White Background



This preview shows how the Hex color 2A216D looks on a white background.

Color Contrast Check

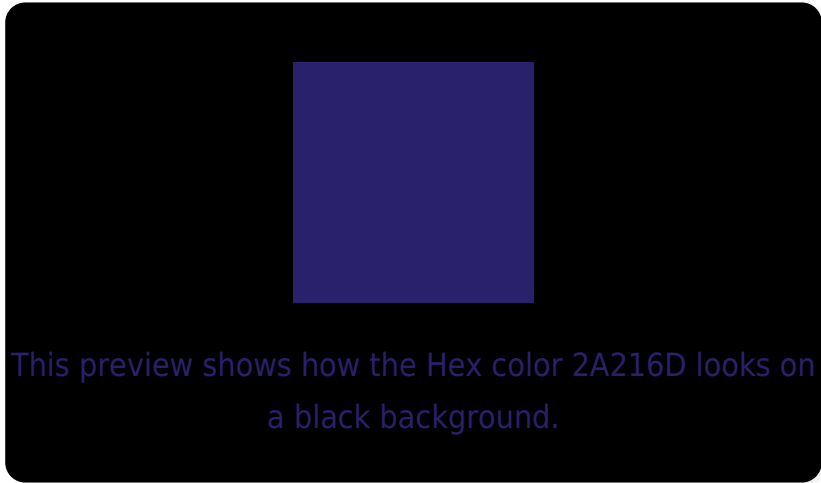
Large Text (above 18pt) WCAG AA ✓ Pass

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

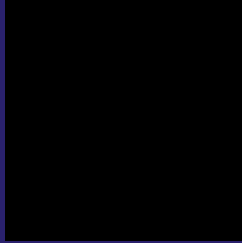
Any Text WCAG AA × Fail

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 2A216D Background



This preview shows how black text looks on a background with the Hex color 2A216D.



This preview shows how white text looks on a background with the Hex color 2A216D.

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](#).

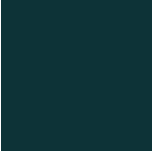
Dichromacy



Original Color
2A216D

Protanopia
002C5E

Deuteranopia
002F50



Tritanopia
0D3337

Trichromacy



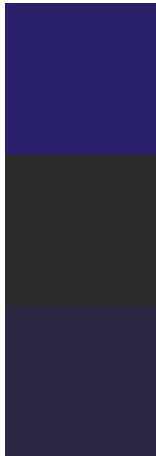
Original Color
2A216D

Protanomaly
0F2863

Deuteranomaly
0F2A5B

Tritanomaly
182C4B

Monochromacy



Original Color
2A216D

Achromatopsia
2C2C2C

Achromatomaly
2B2844

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A216D 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 #2A216D looks like.

```
.text, #text, p{  
    color:#2A216D  
}
```

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 #2A216D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A216D
}
```

Border

The CSS property to change the border of an element to Hex 2A216D is called "border". The border property can be set on classes, ids or directly on the HTML element.

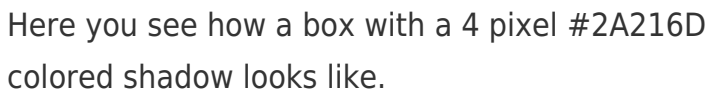
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A216D }
```

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

```
.border{ border-color:#2A216D }
```

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



Here you see how a box with a 4 pixel #2A216D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A216D; -webkit-box-shadow:4px 4px  
4px 4px #2A216D; box-shadow:4px 4px 4px  
4px #2A216D }
```

Background

The CSS property to change the background color of an element to Hex 2A216D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A216D }
```

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

```
.background{ background-color:#2A216D }
```

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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