

Converting Colors

Hex(2C3D77)

Have a look what the booklet for
Hex(2C3D77) contains.

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Color

Hex(2C3D77)

Conversions

Conversions Part 1

Format	Color
Hex	2C3D77
RGB	44, 61, 119
RGB Percent	17%, 24%, 47%
CMY	0.8275, 0.7608, 0.5333
CMYK	0.63, 0.49, 0.00, 0.53
HSL	226°, 46%, 32%
HSV	226°, 63%, 47%
XYZ	6.0372, 5.2049, 18.1392
YIQ	62.5290, -28.7500, 14.4340

Conversions

Conversions Part 2

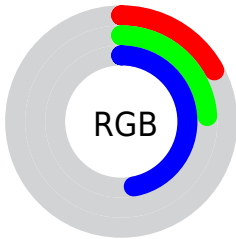
Format	Color
R_{YB}	44, 58, 119
Decimal	2899319
CIE _{Lab}	27.31, 12.81, -35.37
CIE _{LCh}	27, 37.624, 289.911
Yxy	5.2049, 0.2055, 0.1771
Android (android.graphics.Color)	4281089399 (0xFF2C3D77)
YUV	62.5290, 27.8402, -16.2499
Hunter-Lab	22.8142, 7.3109, -31.1706




Details

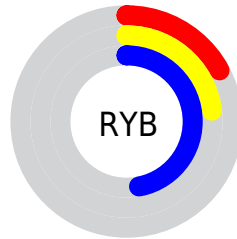
The Hex color **2C3D77** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **77662C**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **616CAC**, and **001446** is the 20% darker color. If you saturate the color by 10%, you get **203477**, and if you desaturate by 10%, it is **384677**.

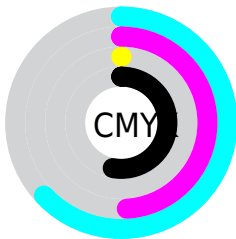
Distribution







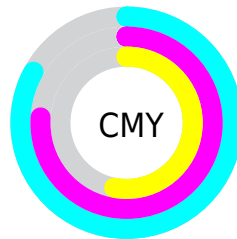
-  Red (17%)
-  Green (24%)
-  Blue (47%)






-  Red (17%)
-  Yellow (23%)
-  Blue (47%)



-  Cyan (63%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (83%)
-  Magenta (76%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3D77 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 2C3D77 by changing the saturation by 10% instead.

■ 2C3D77

■ 2C3D77

FFFFFF

■ 0C285E

■ 616CAC

■ 001446

■ 7C85C7

■ 00032F

■ 979FE3

■ 000119

■ B3BAFF

■ 000000

■ CFD6FF

■ ECF2FF

■ 2C3D77

■ 2C3D77

■ 203477

■ 384677

■ 142B77

■ 444F77

■ 082177

■ 505977

■ 001B77

■ 5C6277

■ 676B77

■ 737477

■ 7F7D77

■ 8B8777

■ 979077

Harmonies

Analogous

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



004779



2C3D77



593066

Triad

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



2C3D77



6A3015



004D35

Complementary

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



2C3D77



77662C

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.



164A19



2C3D77



573C00

Square

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



2C3D77



74252F



3C4501



004E53

Rectangle

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



2C3D77



6A2855



3C4501



004D2C

Sweetspot

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



2C3D77



7E859C



2C7765



3D414F



CFCFCF



4F4F4F

Same Dimension

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



2C3D77



25409C



402C77



35363B



001C7A



0039FA

Inverse Universe

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



772C3D



9C2540



63772C



3B3536



7A001C



FA0039

Previews

White Background



This preview shows how the Hex color 2C3D77 looks on a white background.

Color Contrast Check

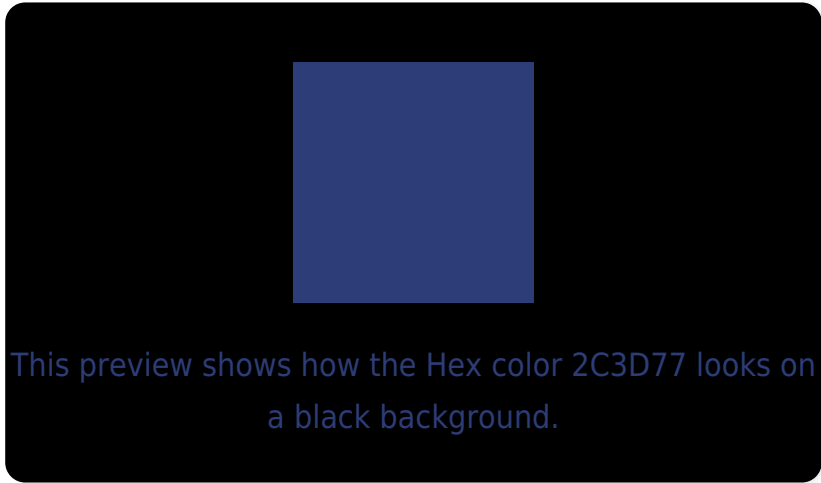
Large Text (above 18pt) WCAG AA ✓ Pass

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

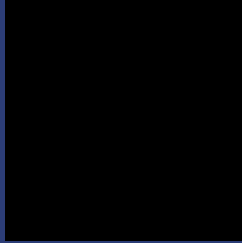
Any Text WCAG AA × Fail

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 2C3D77 Background



This preview shows how black text looks on a background with the Hex color 2C3D77.



This preview shows how white text looks on a background with the Hex color 2C3D77.

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](#).

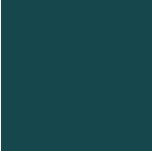
Dichromacy



Original Color
2C3D77

Protanopia
223F79

Deuteranopia
004274



Tritanopia
15474D

Trichromacy



Original Color
2C3D77

Protanomaly
263E78

Deuteranomaly
104075

Tritanomaly
1D435C

Monochromacy



Original Color
2C3D77

Achromatopsia
3F3F3F

Achromatomaly
383E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3D77 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 #2C3D77 looks like.

```
.text, #text, p{  
    color:#2C3D77  
}
```

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 #2C3D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3D77
}
```

Border

The CSS property to change the border of an element to Hex 2C3D77 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
#2C3D77 }
```

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

```
.border{ border-color:#2C3D77 }
```

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

Here you see how a box with a 4 pixel #2C3D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3D77; -webkit-box-shadow:4px 4px  
4px 4px #2C3D77; box-shadow:4px 4px 4px  
4px #2C3D77 }
```

Background

The CSS property to change the background color of an element to Hex 2C3D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3D77 }
```

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

```
.background{ background-color:#2C3D77 }
```

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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