

Converting Colors

Hex(2C4778)

Have a look what the booklet for
Hex(2C4778) contains.

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Color

Hex(2C4778)

Conversions

Conversions Part 1

Format	Color
Hex	2C4778
RGB	44, 71, 120
RGB Percent	17%, 28%, 47%
CMY	0.8275, 0.7216, 0.5294
CMYK	0.63, 0.41, 0.00, 0.53
HSL	219°, 46%, 32%
HSV	219°, 63%, 47%
XYZ	6.6821, 6.3980, 18.6521
YIQ	68.5130, -31.8210, 9.5150

Conversions

Conversions Part 2

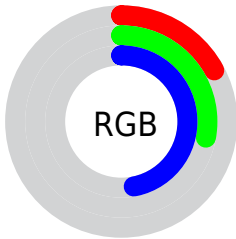
Format	Color
R_{YB}	44, 64, 120
Decimal	2901880
CIE Lab	30.40, 6.38, -31.08
CIE LCh	30, 31.732, 281.603
Yxy	6.3980, 0.2106, 0.2016
Android (android.graphics.Color)	4281091960 (0xFF2C4778)
YUV	68.5130, 25.3831, -21.4979
Hunter-Lab	25.2943, 2.8901, -26.0145

Details

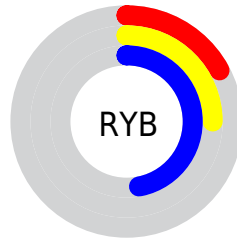
The Hex color **2C4778** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **785D2C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6177AD**, and **001C47** is the 20% darker color. If you saturate the color by 10%, you get **203F78**, and if you desaturate by 10%, it is **384F78**.

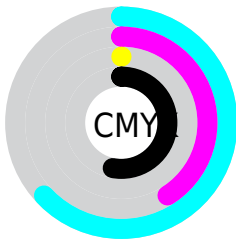
Distribution



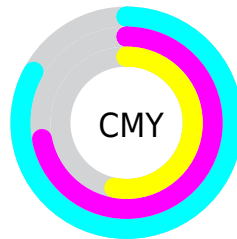
- Red (17%)
- Green (28%)
- Blue (47%)



- Red (17%)
- Yellow (25%)
- Blue (47%)



- Cyan (63%)
- Magenta (41%)
- Yellow (0%)
- Black (53%)



- Cyan (83%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4778 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 2C4778 by changing the saturation by 10% instead.

■ 2C4778

■ 2C4778

FFFFFF

■ 0C315F

■ 6177AD

■ 001C47

■ 7C91C8

■ 000030

■ 97ABE4

■ 00011B

■ B2C6FF

■ 000000

■ CFE2FF

■ EBFFFF

■ 2C4778

■ 2C4778

■ 203F78

■ 384F78

■ 143878

■ 445678

■ 083078

■ 505E78

■ 002B78

■ 5C6678

■ 686E78

■ 747578

■ 807D78

■ 8C8578

■ 988D78

Harmonies

Analogous

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



004E76



2C4778



563D6D

Triad

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



2C4778



713728



005337

Complementary

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



2C4778



785D2C

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.



314F21



2C4778



624117

Square

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



2C4778



75323F



4C4914



005451

Rectangle

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



2C4778



67375F



4C4914



17522F

Sweetspot

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



2C4778



7E889C



2C785C



3D434F



CFCFCF



4F4F4F

Same Dimension

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



2C4778



254F9C



362C78



37393D



002C7D



005AFC

Inverse Universe

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



782C47



9C254F



6E782C



3D3739



7D002C



FC005A

Previews

White Background



This preview shows how the Hex color 2C4778 looks on a white background.

Color Contrast Check

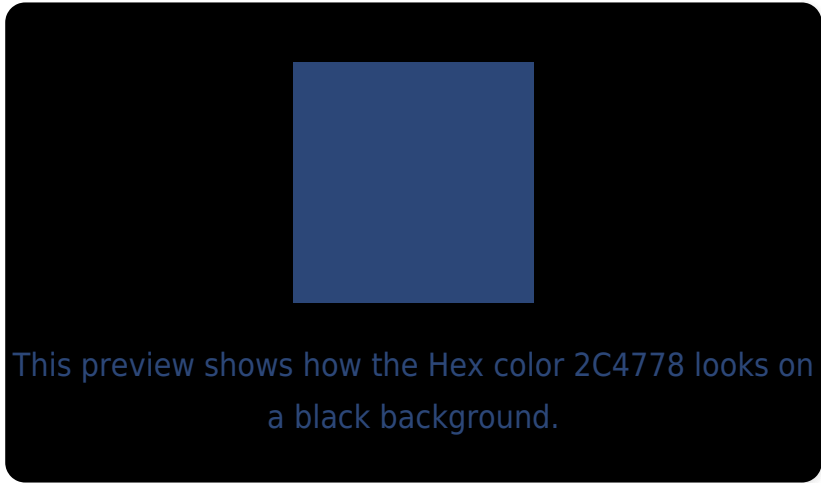
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C4778 Background



This preview shows how black text looks on a background with the Hex color 2C4778.



This preview shows how white text looks on a background with the Hex color 2C4778.

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
2C4778

Protanopia
334677

Deuteranopia
264878



Tritanopia
194F55

Trichromacy



Original Color
2C4778

Protanomaly
304677

Deuteranomaly
284878

Tritanomaly
204C62

Monochromacy



Original Color
2C4778

Achromatopsia
454545

Achromatomaly
3C4658

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4778 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 #2C4778 looks like.

```
.text, #text, p{  
    color:#2C4778  
}
```

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 #2C4778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4778
}
```

Border

The CSS property to change the border of an element to Hex 2C4778 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
#2C4778 }
```

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

```
.border{ border-color:#2C4778 }
```

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

Here you see how a box with a 4 pixel #2C4778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4778; -webkit-box-shadow:4px 4px  
4px 4px #2C4778; box-shadow:4px 4px 4px  
4px #2C4778 }
```

Background

The CSS property to change the background color of an element to Hex 2C4778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4778 }
```

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

```
.background{ background-color:#2C4778 }
```

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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