

Converting Colors

Hex(2C6477)

Have a look what the booklet for
Hex(2C6477) contains.

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Color

Hex(2C6477)

Conversions

Conversions Part 1

Format	Color
Hex	2C6477
RGB	44, 100, 119
RGB Percent	17%, 39%, 47%
CMY	0.8275, 0.6078, 0.5333
CMYK	0.63, 0.16, 0.00, 0.53
HSL	195°, 46%, 32%
HSV	195°, 63%, 47%
XYZ	8.9257, 10.9817, 19.1020
YIQ	85.4220, -39.4750, -5.9630

Conversions

Conversions Part 2

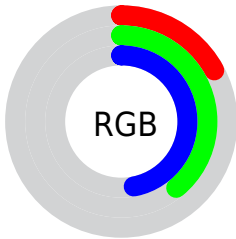
Format	Color
RYB	44, 76, 119
Decimal	2909303
CIELab	39.55, -12.17, -16.19
CIELCh	40, 20.252, 233.060
Yxy	10.9817, 0.2288, 0.2815
Android (android.graphics.Color)	4281099383 (0xFF2C6477)
YUV	85.4220, 16.5540, -36.3271
Hunter-Lab	33.1387, -9.9151, -10.9792

Details

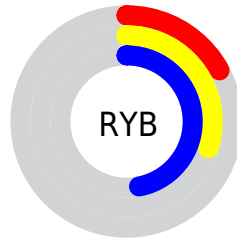
The Hex color **2C6477** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **773F2C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6297AB**, and **003547** is the 20% darker color. If you saturate the color by 10%, you get **206177**, and if you desaturate by 10%, it is **386777**.

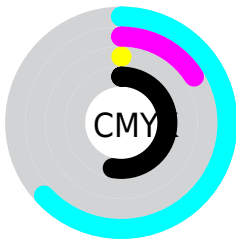
Distribution



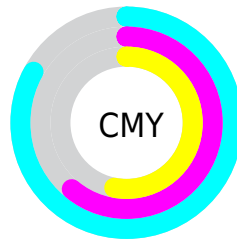
- Red (17%)
- Green (39%)
- Blue (47%)



- Red (17%)
- Yellow (30%)
- Blue (47%)



- Cyan (63%)
- Magenta (16%)
- Yellow (0%)
- Black (53%)



- Cyan (83%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6477 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 2C6477 by changing the saturation by 10% instead.

■ 2C6477

■ 2C6477

FFFFFF

■ 0A4C5E

■ 6297AB

■ 003547

■ 7CB2C7

■ 002030

■ 98CDE3

■ 00011C

■ B3E9FF

■ 000000

■ D0FFFF

■ EDFFFF

■ 2C6477

■ 2C6477

■ 206177

■ 386777

■ 145E77

■ 446A77

■ 085B77

■ 506D77

■ 005977

■ 5C7077

■ 677377

■ 737677

■ 7F7977

■ 8B7C77

■ 977F77

Harmonies

Analogous

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



286669



2C6477



41607E

Triad

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



2C6477



7B5162



5B603E

Complementary

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



2C6477



773F2C

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.



6C5B3D



2C6477



7E5151

Square

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



2C6477



6E5571



785543



496449

Rectangle

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



2C6477



525C7D



785543



615E3D

Sweetspot

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



2C6477



7E949C



2C773F



3D4A4F



CFCFCF



4F4F4F

Same Dimension

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



2C6477



257E9C



2C3F77



35393B



005B7A



00BBFA

Inverse Universe

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



772C64



9C257E



77642C



3B3539



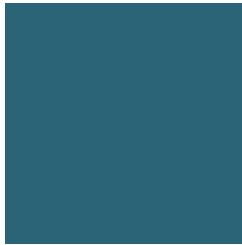
7A005B



FA00BB

Previews

White Background



This preview shows how the Hex color 2C6477 looks on a white background.

Color Contrast Check

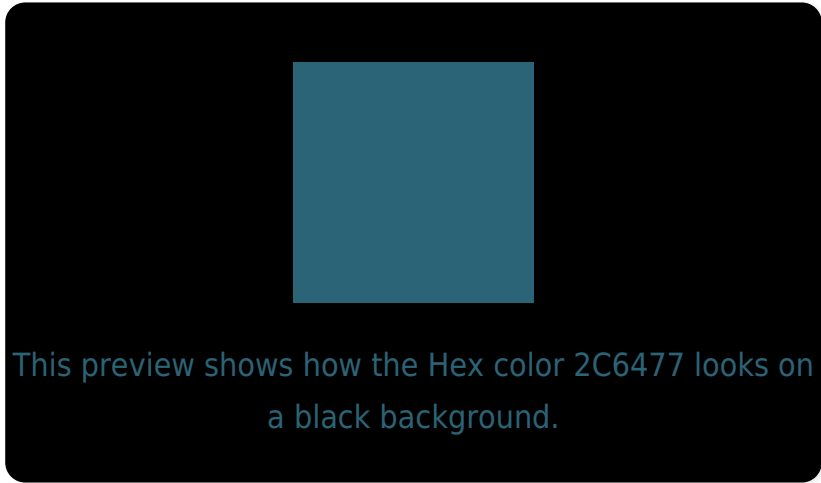
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

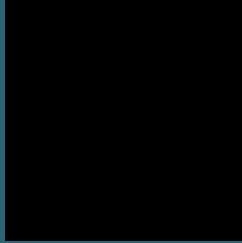
Any Text WCAG AA × Fail

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 2C6477 Background



This preview shows how black text looks on a background with the Hex color 2C6477.




This preview shows how white text looks on a background with the Hex color 2C6477.

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](#).

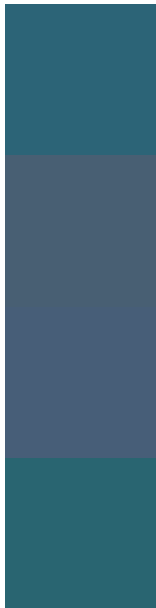
Dichromacy





Tritanopia
27666E

Trichromacy



Original Color
2C6477

Protanomaly
485F73

Deuteranomaly
475E78

Tritanomaly
296571

Monochromacy



Original Color
2C6477

Achromatopsia
555555

Achromatomaly
465A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6477 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 #2C6477 looks like.

```
.text, #text, p{  
    color:#2C6477  
}
```

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 #2C6477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6477  
}
```

Border

The CSS property to change the border of an element to Hex 2C6477 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  
#2C6477 }
```

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

```
.border{ border-color:#2C6477 }
```

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

Here you see how a box with a 4 pixel #2C6477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6477; -webkit-box-shadow:4px 4px  
4px 4px #2C6477; box-shadow:4px 4px 4px  
4px #2C6477 }
```

Background

The CSS property to change the background color of an element to Hex 2C6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6477 }
```

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

```
.background{ background-color:#2C6477 }
```

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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