

Converting Colors

Hex(2C5772)

Have a look what the booklet for
Hex(2C5772) contains.

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Color

Hex(2C5772)

Conversions

Conversions Part 1

Format	Color
Hex	2C5772
RGB	44, 87, 114
RGB Percent	17%, 34%, 45%
CMY	0.8275, 0.6588, 0.5529
CMYK	0.61, 0.24, 0.00, 0.55
HSL	203°, 44%, 31%
HSV	203°, 61%, 45%
XYZ	7.4842, 8.5668, 17.1787
YIQ	77.2210, -34.2950, -0.7190

Conversions

Conversions Part 2

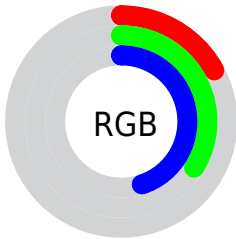
Format	Color
RYB	44, 71, 114
Decimal	2905970
CIELab	35.14, -6.11, -19.90
CIElCh	35, 20.820, 252.941
Yxy	8.5668, 0.2252, 0.2578
Android (android.graphics.Color)	4281096050 (0xFF2C5772)
YUV	77.2210, 18.1320, -29.1348
Hunter-Lab	29.2690, -5.5779, -14.3104

Details

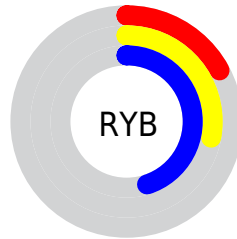
The Hex color **2C5772** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **72472C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6089A6**, and **002A42** is the 20% darker color. If you saturate the color by 10%, you get **215372**, and if you desaturate by 10%, it is **375B72**.

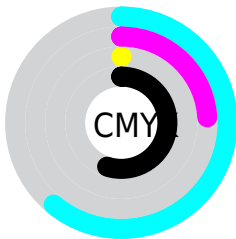
Distribution



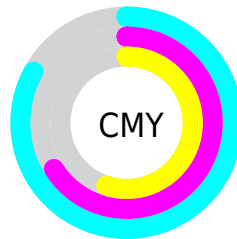
- Red (17%)
- Green (34%)
- Blue (45%)



- Red (17%)
- Yellow (28%)
- Blue (45%)



- Cyan (61%)
- Magenta (24%)
- Yellow (0%)
- Black (55%)



- Cyan (83%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5772 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 2C5772 by changing the saturation by 10% instead.

■ 2C5772

■ 2C5772

FFFFFF

■ 0E4059

■ 6089A6

■ 002A42

■ 7BA3C1

■ 00162C

■ 96BEDD

■ 000117

■ B1DAFA

■ 000000

■ CDF6FF

■ EAFFFF

■ 2C5772

■ 2C5772

■ 215372

■ 375B72

■ 154E72

■ 436072

■ 0A4A72

■ 4E6472

■ 004672

■ 5A6972

■ 656D72

■ 707172

■ 7C7672

■ 877A72

■ 937F72

Harmonies

Analogous

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



175A69



2C5772



475273

Triad

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



2C5772



73464C



44583A

Complementary

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



2C5772



72472C

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.



575432



2C5772



70493D

Square

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



2C5772



6D475D



664E33



305B48

Rectangle

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



2C5772



574E6E



664E33



4B5736

Sweetspot

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



2C5772



798A94



2C7247



3A444A



C9C9C9



4A4A4A

Same Dimension

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



2C5772



266A94



2C3472



323638



004A78



0098F7

Inverse Universe

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



722C57



94266A



726A2C



383236



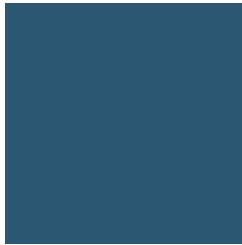
78004A



F70098

Previews

White Background



This preview shows how the Hex color 2C5772 looks on a white background.

Color Contrast Check

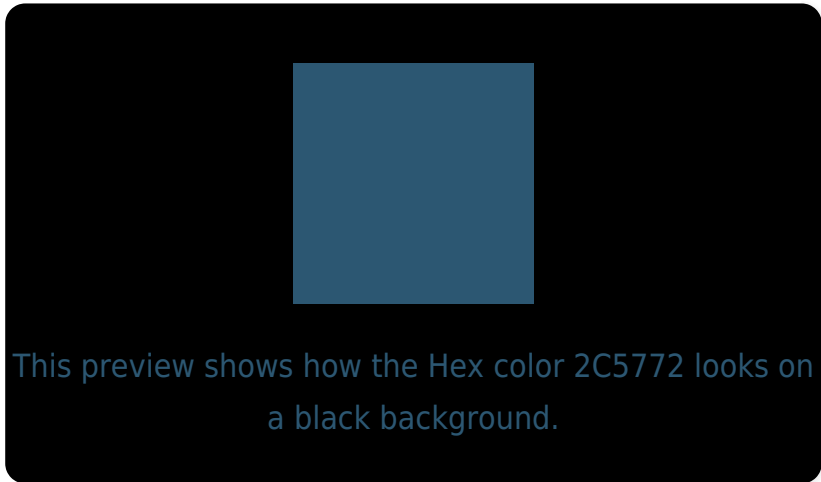
Large Text (above 18pt) WCAG AA ✓ Pass

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

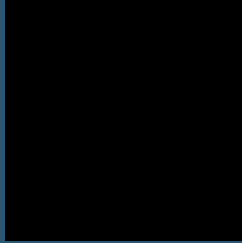
Any Text WCAG AA × Fail

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 2C5772 Background



This preview shows how black text looks on a background with the Hex color 2C5772.



This preview shows how white text looks on a background with the Hex color 2C5772.

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
2C5772

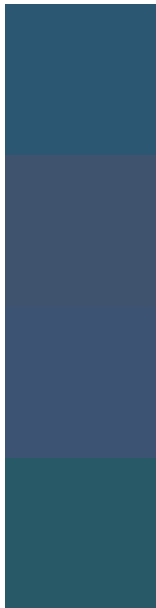
Protanopia
4A516E

Deuteranopia
475173



Tritanopia
245A61

Trichromacy



Original Color
2C5772

Protanomaly
3F536F

Deuteranomaly
3D5373

Tritanomaly
275967

Monochromacy



Original Color
2C5772

Achromatopsia
4D4D4D

Achromatomaly
41515A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5772 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 #2C5772 looks like.

```
.text, #text, p{  
    color:#2C5772  
}
```

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 #2C5772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5772
}
```

Border

The CSS property to change the border of an element to Hex 2C5772 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
#2C5772 }
```

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

```
.border{ border-color:#2C5772 }
```

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

Here you see how a box with a 4 pixel #2C5772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5772; -webkit-box-shadow:4px 4px  
4px 4px #2C5772; box-shadow:4px 4px 4px  
4px #2C5772 }
```

Background

The CSS property to change the background color of an element to Hex 2C5772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5772 }
```

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

```
.background{ background-color:#2C5772 }
```

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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