

Converting Colors

Hex(2C6576)

Have a look what the booklet for
Hex(2C6576) contains.

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Color

Hex(2C6576)

Conversions

Conversions Part 1

Format	Color
Hex	2C6576
RGB	44, 101, 118
RGB Percent	17%, 40%, 46%
CMY	0.8275, 0.6039, 0.5373
CMYK	0.63, 0.14, 0.00, 0.54
HSL	194°, 46%, 32%
HSV	194°, 63%, 46%
XYZ	8.9624, 11.1508, 18.8195
YIQ	85.8950, -39.4290, -6.7970

Conversions

Conversions Part 2

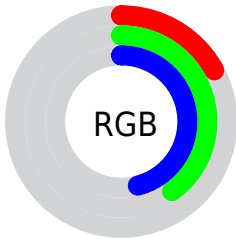
Format	Color
RYB	44, 76, 118
Decimal	2909558
CIELab	39.83, -13.08, -15.14
CIELCh	40, 20.011, 229.175
Yxy	11.1508, 0.2302, 0.2864
Android (android.graphics.Color)	4281099638 (0xFF2C6576)
YUV	85.8950, 15.8278, -36.7419
Hunter-Lab	33.3929, -10.5294, -10.0395

Details

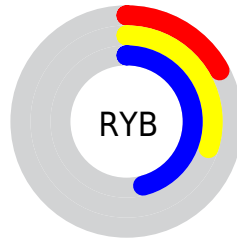
The Hex color **2C6576** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **763D2C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6298AA**, and **003646** is the 20% darker color. If you saturate the color by 10%, you get **206276**, and if you desaturate by 10%, it is **386876**.

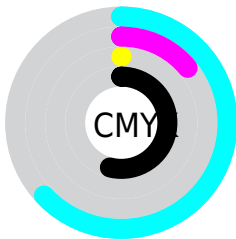
Distribution



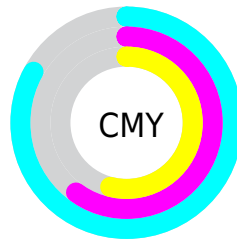
- Red (17%)
- Green (40%)
- Blue (46%)



- Red (17%)
- Yellow (30%)
- Blue (46%)



- Cyan (63%)
- Magenta (14%)
- Yellow (0%)
- Black (54%)



- Cyan (83%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6576 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 2C6576 by changing the saturation by 10% instead.

 2C6576

 2C6576

FFFFFF

 0B4D5D

 6298AA

 003646

 7CB3C5

 00212F

 98CEE1

 00011B

 B3EBFE

 000000

 D0FFFF

 EDFFFF

 2C6576

 2C6576

 206276

 386876

■ 146076

■ 446A76

■ 095D76

■ 4F6D76

■ 005B76

■ 5B7076

■ 677376

■ 737576

■ 7F7876

■ 8A7B76

■ 967D76

Harmonies

Analogous

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



2A6768



2C6576



40617E

Triad

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



2C6576



7A5264



5F603F

Complementary

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



2C6576



763D2C

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.



6F5B3E



2C6576



7F5254

Square

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



2C6576



6D5673



7A5546



4C6448

Rectangle

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



2C6576



505E7E



7A5546



645E3D

Sweetspot

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



2C6576



7C9299



2C763C



3B484D



CCCCCC



4D4D4D

Same Dimension

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



2C6576



267F99



2C4176



35393B



005E7A



00C0FA

Inverse Universe

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



762C65



99267F



76612C



3B3539



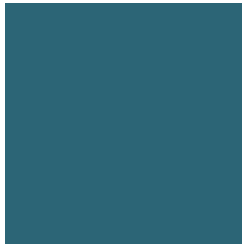
7A005E



FA00C0

Previews

White Background



This preview shows how the Hex color 2C6576 looks on a white background.

Color Contrast Check

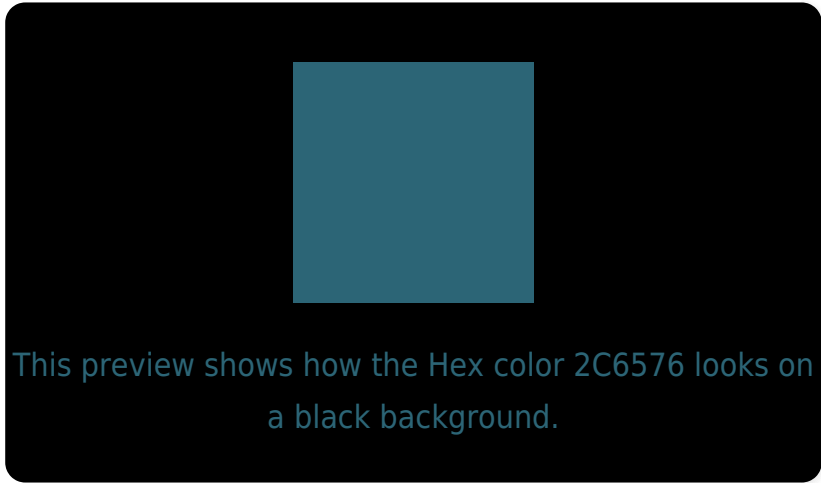
Large Text (above 18pt) WCAG AA ✓ Pass

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

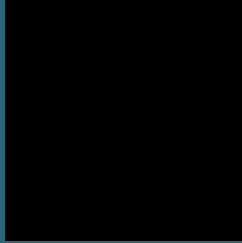
Any Text WCAG AA × Fail

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 2C6576 Background



This preview shows how black text looks on a background with the Hex color 2C6576.




This preview shows how white text looks on a background with the Hex color 2C6576.

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](#).

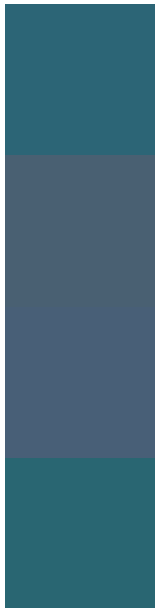
Dichromacy





Tritanopia
28666F

Trichromacy



Original Color
2C6576

Protanomaly
496072

Deuteranomaly
485F77

Tritanomaly
296672

Monochromacy



Original Color
2C6576

Achromatopsia
565656

Achromatomaly
475B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6576 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 #2C6576 looks like.

```
.text, #text, p{  
  color:#2C6576  
}
```

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 #2C6576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6576
}
```

Border

The CSS property to change the border of an element to Hex 2C6576 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
#2C6576 }
```

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

```
.border{ border-color:#2C6576 }
```

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

Here you see how a box with a 4 pixel #2C6576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6576; -webkit-box-shadow:4px 4px  
4px 4px #2C6576; box-shadow:4px 4px 4px  
4px #2C6576 }
```

Background

The CSS property to change the background color of an element to Hex 2C6576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6576 }
```

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

```
.background{ background-color:#2C6576 }
```

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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