

Converting Colors

Hex(2C4964)

Have a look what the booklet for
Hex(2C4964) contains.

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Color

Hex(2C4964)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2C4964 |
| RGB | 44, 73, 100 |
| RGB Percent | 17%, 29%, 39% |
| CMY | 0.8275, 0.7137, 0.6078 |
| CMYK | 0.56, 0.27, 0.00, 0.61 |
| HSL | 209°, 39%, 28% |
| HSV | 209°, 56%, 39% |
| XYZ | 5.7215, 6.2207, 12.9557 |
| YIQ | 67.4070, -25.9510, 2.2490 |

Conversions

Conversions Part 2

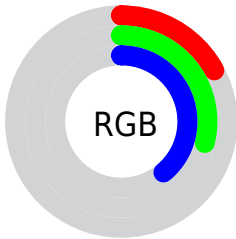
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 44, 63, 100 |
| Decimal | 2902372 |
| CIELab | 29.96, -2.16, -19.12 |
| CIElCh | 30, 19.246, 263.564 |
| Yxy | 6.2207, 0.2298, 0.2498 |
| Android (android.graphics.Color) | 4281092452 (0xFF2C4964) |
| YUV | 67.4070, 16.0683, -20.5279 |
| Hunter-Lab | 24.9413, -2.6995, -13.3393 |

Details

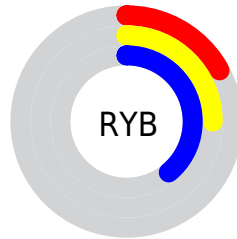
The Hex color **2C4964** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **64472C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5E7997**, and **001E35** is the 20% darker color. If you saturate the color by 10%, you get **224464**, and if you desaturate by 10%, it is **364E64**.

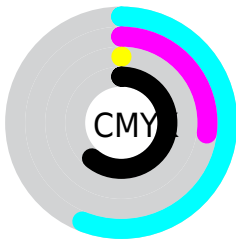
Distribution



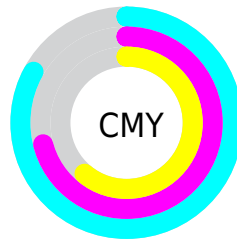
- Red (17%)
- Green (29%)
- Blue (39%)



- Red (17%)
- Yellow (25%)
- Blue (39%)



- Cyan (56%)
- Magenta (27%)
- Yellow (0%)
- Black (61%)



- Cyan (83%)
- Magenta (71%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4964 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 2C4964 by changing the saturation by 10% instead.

■ 2C4964

■ 2C4964

FFFFFF

■ 12334C

■ 5E7997

■ 001E35

■ 7893B2

■ 000220

■ 92AECD

■ 000004

■ ADC9E9

■ 000000

■ C9E5FF

■ E6FFFF

■ 2C4964

■ 2C4964

■ 224464

■ 364E64

■ 183F64

■ 405364

■ 0E3B64

■ 4A5764

■ 043664

■ 545C64

■ 003464

■ 5E6164

■ 686664

■ 726B64

■ 7C7064

■ 867464

Harmonies

Analogous

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



144D5E



2C4964



444462

Triad

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



2C4964



643C3B



334D34

Complementary

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



2C4964



64472C

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.



44492B



2C4964



5F3F2F

Square

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



2C4964



613B4A



534529



204E43

Rectangle

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



2C4964



51405C



534529



394C30

Sweetspot

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



2C4964



6C7782



2C6446



353C42



C2C2C2



424242

Same Dimension

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



2C4964



2B5882



2C2E64



2E3133



003B73



007DF2

Inverse Universe

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



642C49



822B58



64622C



332E31



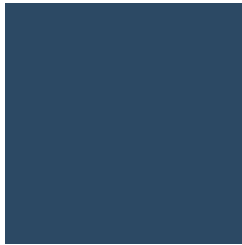
73003B



F2007D

Previews

White Background



This preview shows how the Hex color 2C4964 looks on a white background.

Color Contrast Check

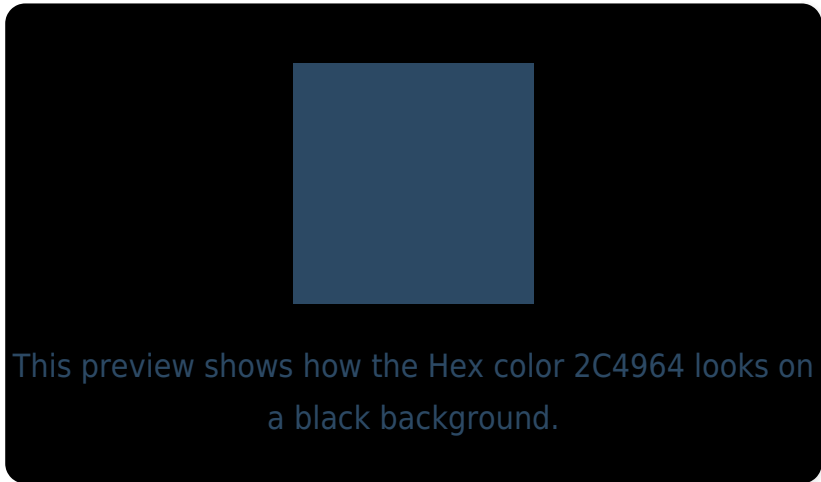
Large Text (above 18pt) WCAG AA ✓ Pass

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

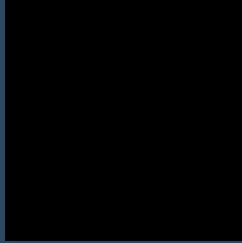
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

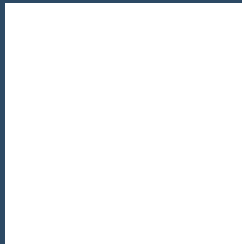
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2C4964 Background



This preview shows how black text looks on a background with the Hex color 2C4964.



This preview shows how white text looks on a background with the Hex color 2C4964.

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

2C4964

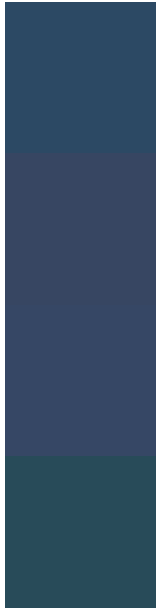
Protanopia

3E4561

Deuteranopia

3B4665

Trichromacy



Original Color
2C4964

Protanomaly
374662

Deuteranomaly
364765

Tritanomaly
284B59

Monochromacy



Original Color
2C4964

Achromatopsia
434343

Achromatomaly
3B454F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4964 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 #2C4964 looks like.

```
.text, #text, p{  
    color:#2C4964  
}
```

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 #2C4964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4964
}
```

Border

The CSS property to change the border of an element to Hex 2C4964 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
#2C4964 }
```

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

```
.border{ border-color:#2C4964 }
```

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

Here you see how a box with a 4 pixel #2C4964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4964; -webkit-box-shadow:4px 4px  
4px 4px #2C4964; box-shadow:4px 4px 4px  
4px #2C4964 }
```

Background

The CSS property to change the background color of an element to Hex 2C4964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4964 }
```

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

```
.background{ background-color:#2C4964 }
```

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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