

Converting Colors

Hex(2C5145)

Have a look what the booklet for
Hex(2C5145) contains.

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Color

Hex(2C5145)

Conversions

Conversions Part 1

Format	Color
Hex	2C5145
RGB	44, 81, 69
RGB Percent	17%, 32%, 27%
CMY	0.8275, 0.6824, 0.7294
CMYK	0.46, 0.00, 0.15, 0.68
HSL	161°, 30%, 25%
HSV	161°, 46%, 32%
XYZ	5.0553, 6.8500, 6.6860
YIQ	68.5690, -18.2000, -11.5760

Conversions

Conversions Part 2

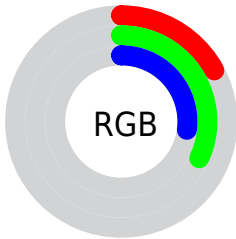
Format	Color
R_{YB}	44, 66, 81
Decimal	2904389
CIE Lab	31.46, -16.55, 2.93
CIE LCh	31, 16.803, 169.962
Yxy	6.8500, 0.2719, 0.3685
Android (android.graphics.Color)	4281094469 (0xFF2C5145)
YUV	68.5690, 0.2125, -21.5470
Hunter-Lab	26.1725, -11.3240, 3.1747

Details

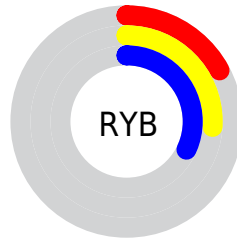
The Hex color **2C5145** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **512C38**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5C8375**, and **00241A** is the 20% darker color. If you saturate the color by 10%, you get **245142**, and if you desaturate by 10%, it is **345148**.

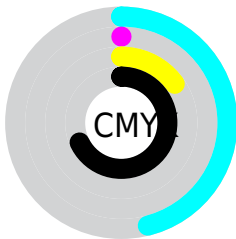
Distribution



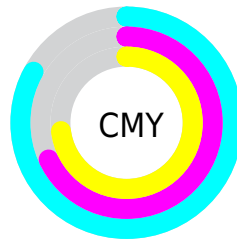
- Red (17%)
- Green (32%)
- Blue (27%)



- Red (17%)
- Yellow (26%)
- Blue (32%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (68%)



- Cyan (83%)
- Magenta (68%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5145 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 2C5145 by changing the saturation by 10% instead.

 2C5145

 2C5145

FFFFFF

 153A2F

 5C8375

 00241A

 759D8F

 000A00

 8FB8A9

 000000

 AAD3C4

 C6F0E0

 E2FFFD

 2C5145

 2C5145

 245142

 345148

■ 1C5140

■ 3C514A

■ 14513D

■ 44514D

■ 0C513A

■ 4C5150

■ 035138

■ 555152

■ 005137

■ 5D5155

■ 655157

■ 6D515A

■ 75515D

Harmonies

Analogous

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



3B4F39



2C5145



215153

Triad

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



2C5145



464863



614336

Complementary

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



2C5145



512C38

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.



644142



2C5145



56445B

Square

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



2C5145



324D64



61414F



574830

Rectangle

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



2C5145



20505A



61414F



63423A

Sweetspot

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



2C5145



5A6964



38512C



2C3633



B5B5B5



363636

Same Dimension

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



2C5145



2F6956



2C4B51



252927



006947



00E89D

Inverse Universe

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



512C38



692F42



51322C



292526



690022



E8004B

Previews

White Background



This preview shows how the Hex color 2C5145 looks on a white background.

Color Contrast Check

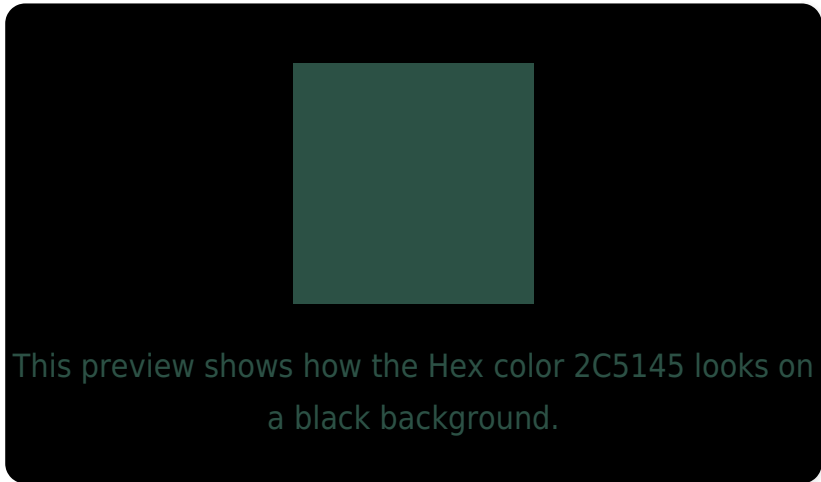
Large Text (above 18pt) WCAG AA ✓ Pass

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

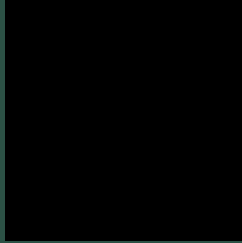
Any Text WCAG AA × Fail

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 2C5145 Background



This preview shows how black text looks on a background with the Hex color 2C5145.



This preview shows how white text looks on a background with the Hex color 2C5145.

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
2C5145

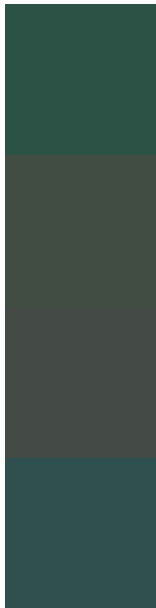
Protanopia
4D4A41

Deuteranopia
524747



Tritanopia
304F55

Trichromacy



Original Color
2C5145

Protanomaly
414D42

Deuteranomaly
444B46

Tritanomaly
2F504F

Monochromacy



Original Color
2C5145

Achromatopsia
454545

Achromatomaly
3C4945

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5145 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 #2C5145 looks like.

```
.text, #text, p{  
    color:#2C5145  
}
```

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 #2C5145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5145
}
```

Border

The CSS property to change the border of an element to Hex 2C5145 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
#2C5145 }
```

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

```
.border{ border-color:#2C5145 }
```

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

Here you see how a box with a 4 pixel #2C5145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5145; -webkit-box-shadow:4px 4px  
4px 4px #2C5145; box-shadow:4px 4px 4px  
4px #2C5145 }
```

Background

The CSS property to change the background color of an element to Hex 2C5145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5145 }
```

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

```
.background{ background-color:#2C5145 }
```

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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