

Converting Colors

Hex(2C6565)

Have a look what the booklet for
Hex(2C6565) contains.

Hex(2C6565)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C6565)

Conversions

Conversions Part 1

Format	Color
Hex	2C6565
RGB	44, 101, 101
RGB Percent	17%, 40%, 40%
CMY	0.8275, 0.6039, 0.6039
CMYK	0.56, 0.00, 0.00, 0.60
HSL	180°, 39%, 28%
HSV	180°, 56%, 40%
XYZ	8.0413, 10.7824, 13.9693
YIQ	83.9570, -33.9720, -12.0840

Conversions

Conversions Part 2

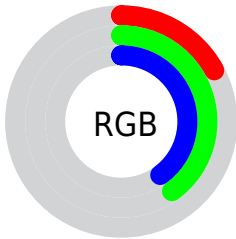
Format	Color
RYB	44, 73, 101
Decimal	2909541
CIELab	39.21, -18.48, -5.68
CIElCh	39, 19.334, 197.082
Yxy	10.7824, 0.2452, 0.3288
Android (android.graphics.Color)	4281099621 (0xFF2C6565)
YUV	83.9570, 8.4022, -35.0423
Hunter-Lab	32.8366, -13.7512, -2.2375

Details

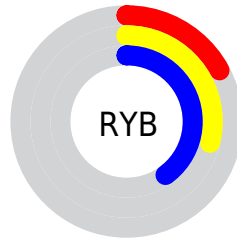
The Hex color **2C6565** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **652C2C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **609898**, and **003636** is the 20% darker color. If you saturate the color by 10%, you get **226565**, and if you desaturate by 10%, it is **366565**.

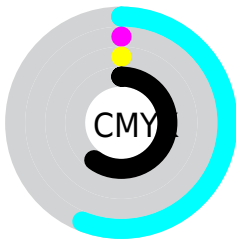
Distribution



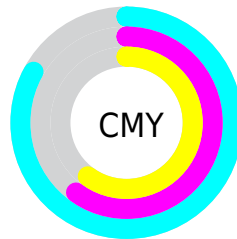
- Red (17%)
- Green (40%)
- Blue (40%)



- Red (17%)
- Yellow (29%)
- Blue (40%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6565 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 2C6565 by changing the saturation by 10% instead.

 2C6565

 2C6565

FFFFFF

 0E4D4D

 609898

 003636

 7AB3B3

 002121

 95CFCE

 00000B

 B1EBEA

 000000

 CDFFFF

 E9FFFF

 2C6565

 2C6565

 226565

 366565

■ 186565

■ 406565

■ 0E6565

■ 4A6565

■ 046565

■ 546565

■ 006565

■ 5F6565

■ 696565

■ 736565

■ 7D6565

■ 876565

Harmonies

Analogous

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



3A6555



2C6565



2C6373

Triad

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



2C6565



6A5572



6E593E

Complementary

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



2C6565



652C2C

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.



785446



2C6565



775164

Square

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



2C6565



555B7A



7C5154



5E5E3E

Rectangle

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



2C6565



376179



7C5154



725740

Sweetspot

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



2C6565



6C8282



2C652C



354242



C2C2C2



424242

Same Dimension

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



2C6565



2A8282



2C4965



2E3333



007373



00F2F2

Inverse Universe

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



652C65



822A82



65492C



332E33



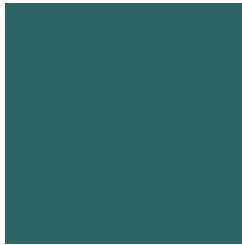
730073



F200F2

Previews

White Background



This preview shows how the Hex color 2C6565 looks on a white background.

Color Contrast Check

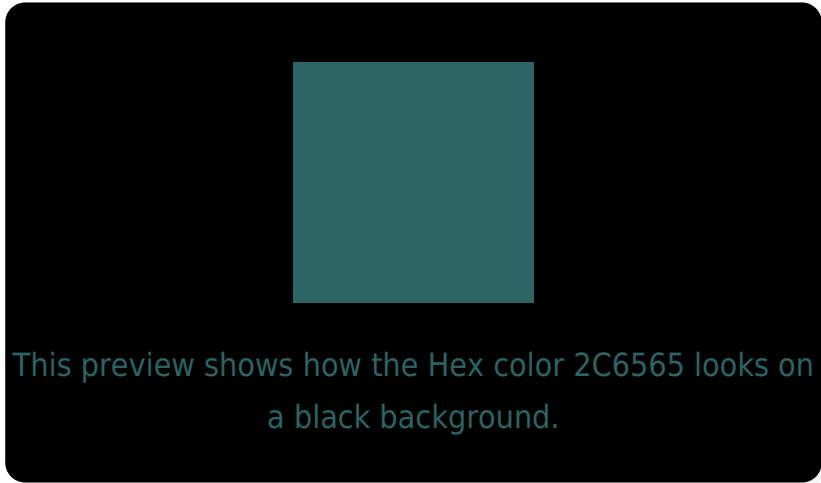
Large Text (above 18pt) WCAG AA ✓ Pass

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

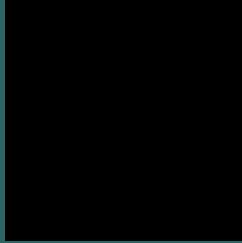
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

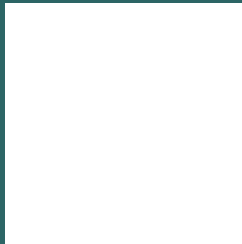
Any Text WCAG AAA × Fail

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

Hex 2C6565 Background



This preview shows how black text looks on a background with the Hex color 2C6565.

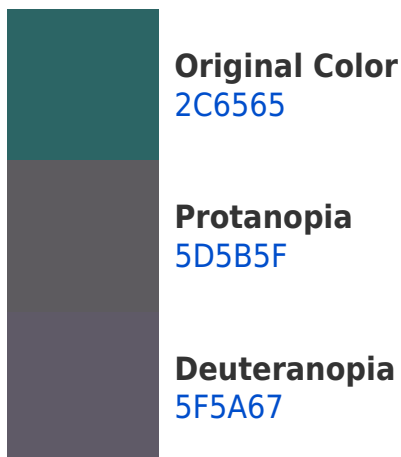



This preview shows how white text looks on a background with the Hex color 2C6565.

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
2F646C

Trichromacy



Original Color
2C6565

Protanomaly
4B5F61

Deuteranomaly
4C5E66

Tritanomaly
2E6469

Monochromacy



Original Color
2C6565

Achromatopsia
545454

Achromatomaly
455A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6565 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 #2C6565 looks like.

```
.text, #text, p{  
    color:#2C6565  
}
```

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 #2C6565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6565  
}
```

Border

The CSS property to change the border of an element to Hex 2C6565 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  
#2C6565 }
```

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

```
.border{ border-color:#2C6565 }
```

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

Here you see how a box with a 4 pixel #2C6565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6565; -webkit-box-shadow:4px 4px  
4px 4px #2C6565; box-shadow:4px 4px 4px  
4px #2C6565 }
```

Background

The CSS property to change the background color of an element to Hex 2C6565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6565 }
```

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

```
.background{ background-color:#2C6565 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor