

Converting Colors

Hex(2B5252)

Have a look what the booklet for
Hex(2B5252) contains.

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Color

Hex(2B5252)

Conversions

Conversions Part 1

Format	Color
Hex	2B5252
RGB	43, 82, 82
RGB Percent	17%, 32%, 32%
CMY	0.8314, 0.6784, 0.6784
CMYK	0.48, 0.00, 0.00, 0.68
HSL	180°, 31%, 25%
HSV	180°, 48%, 32%
XYZ	5.5365, 7.1574, 9.0723
YIQ	70.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

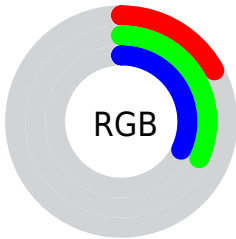
Format	Color
R _Y B	43, 63, 82
Decimal	2839122
CIE Lab	32.16, -13.77, -4.32
CIE LCh	32, 14.435, 197.394
Yxy	7.1574, 0.2544, 0.3288
Android (android.graphics.Color)	4281029202 (0xFF2B5252)
YUV	70.3390, 5.7489, -23.9763
Hunter-Lab	26.7533, -9.8779, -1.3786

Details

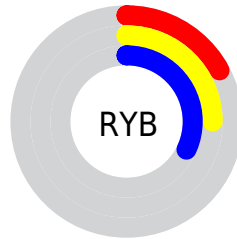
The Hex color **2B5252** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **522B2B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5C8483**, and **002525** is the 20% darker color. If you saturate the color by 10%, you get **235252**, and if you desaturate by 10%, it is **335252**.

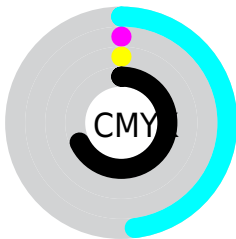
Distribution



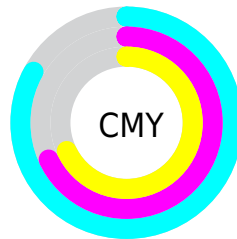
- Red (17%)
- Green (32%)
- Blue (32%)



- Red (17%)
- Yellow (25%)
- Blue (32%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (68%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5252 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 2B5252 by changing the saturation by 10% instead.

 2B5252

 2B5252


FFFFFF

 123B3B

 5C8483

 002525

 759E9D

 000F11

 8FB9B8

 000000

 AAD4D4

 C6F1F0

 E2FFFF

 2B5252

 2B5252

 235252

 335252

■ 1B5252

■ 3B5252

■ 125252

■ 445252

■ 0A5252

■ 4C5252

■ 025252

■ 545252

■ 005252

■ 5C5252

■ 645252

■ 6D5252

■ 755252

Harmonies

Analogous

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



345246



2B5252



2C515C

Triad

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



2B5252



55475B



584936

Complementary

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



2B5252



522B2B

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.



60463B



2B5252



5F4451

Square

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



2B5252



474A61



634445



4D4D36

Rectangle

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



2B5252



324F60



634445



5B4837

Sweetspot

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



2B5252



5C6B6B



2B522B



2C3636



B5B5B5



363636

Same Dimension

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



2B5252



2E6B6B



2B3F52



252929



006969



00E8E8

Inverse Universe

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



522B52



6B2E6B



523F2B



292529



690069



E800E8

Previews

White Background



This preview shows how the Hex color 2B5252 looks on a white background.

Color Contrast Check

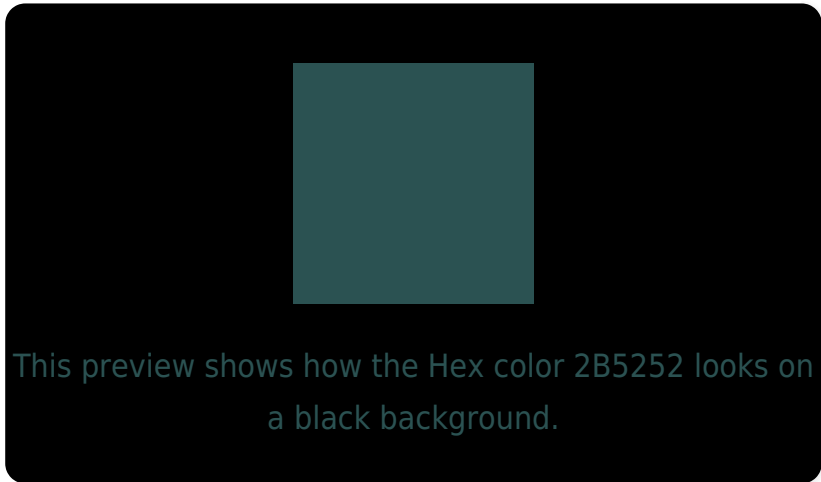
Large Text (above 18pt) WCAG AA ✓ Pass

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

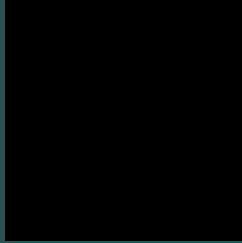
Any Text WCAG AA × Fail

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 2B5252 Background



This preview shows how black text looks on a background with the Hex color 2B5252.



This preview shows how white text looks on a background with the Hex color 2B5252.

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

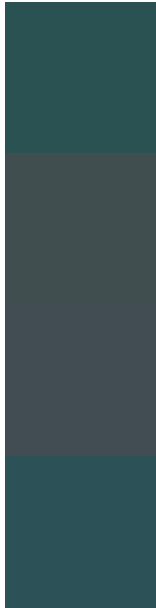


Original Color
2B5252

Protanopia
4C4B4E

Deuteranopia
4F4954

Trichromacy



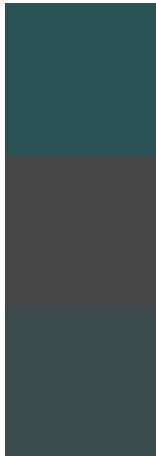
Original Color
2B5252

Protanomaly
404E4F

Deuteranomaly
424C53

Tritanomaly
2C5156

Monochromacy



Original Color
2B5252

Achromatopsia
464646

Achromatomaly
3C4A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5252 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 #2B5252 looks like.

```
.text, #text, p{  
    color:#2B5252  
}
```

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 #2B5252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5252
}
```

Border

The CSS property to change the border of an element to Hex 2B5252 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
#2B5252 }
```

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

```
.border{ border-color:#2B5252 }
```

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

Here you see how a box with a 4 pixel #2B5252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5252; -webkit-box-shadow:4px 4px  
4px 4px #2B5252; box-shadow:4px 4px 4px  
4px #2B5252 }
```

Background

The CSS property to change the background color of an element to Hex 2B5252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5252 }
```

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

```
.background{ background-color:#2B5252 }
```

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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