

Converting Colors

Hex(2A4747)

Have a look what the booklet for
Hex(2A4747) contains.

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Color

Hex(2A4747)

Conversions

Conversions Part 1

Format	Color
Hex	2A4747
RGB	42, 71, 71
RGB Percent	16%, 28%, 28%
CMY	0.8353, 0.7216, 0.7216
CMYK	0.41, 0.00, 0.00, 0.72
HSL	180°, 26%, 22%
HSV	180°, 41%, 28%
XYZ	4.3454, 5.4536, 6.7849
YIQ	62.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

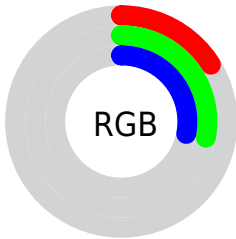
Format	Color
R_{YB}	42, 57, 71
Decimal	2770759
CIE _{Lab}	27.99, -10.83, -3.45
CIE _{LCh}	28, 11.361, 197.658
Yxy	5.4536, 0.2620, 0.3289
Android (android.graphics.Color)	4280960839 (0xFF2A4747)
YUV	62.3290, 4.2748, -17.8285
Hunter-Lab	23.3530, -7.6535, -0.8787

Details

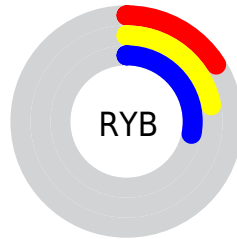
The Hex color **2A4747** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **472A2A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **597777**, and **001C1C** is the 20% darker color. If you saturate the color by 10%, you get **234747**, and if you desaturate by 10%, it is **314747**.

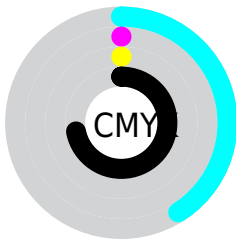
Distribution



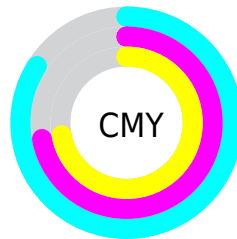
- Red (16%)
- Green (28%)
- Blue (28%)



- Red (16%)
- Yellow (22%)
- Blue (28%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (72%)



- Cyan (84%)
- Magenta (72%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4747 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 2A4747 by changing the saturation by 10% instead.

■ 2A4747

■ 2A4747

FFFFFF

■ 133131

■ 597777

■ 001C1C

■ 729191

■ 000000

■ 8CACAB

■ A7C7C7

■ C2E3E3

■ DEFFFF

■ FBFFFF

■ 2A4747

■ 2A4747

■ 234747

■ 314747

■ 1C4747

■ 384747

■ 154747

■ 3F4747

■ 0E4747

■ 464747

■ 064747

■ 4E4747

■ 004747

■ 554747

■ 5C4747

■ 634747

■ 6A4747

Harmonies

Analogous

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



30473E



2A4747



2B464F

Triad

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



2A4747



4A3E4E



4C4031

Complementary

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



2A4747



472A2A

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.



523E36



2A4747



513C46

Square

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



2A4747



3F4153



543C3D



434331

Rectangle

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



2A4747



304552



543C3D



4E3F32

Sweetspot

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



2A4747



515C5C



2A472A



272E2E



ADADAD



2E2E2E

Same Dimension

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



2A4747



2F5C5C



2A3947



202424



006363



00E3E3

Inverse Universe

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



472A47



5C2F5C



47392A



242024



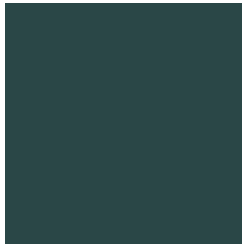
630063



E300E3

Previews

White Background



This preview shows how the Hex color 2A4747 looks on a white background.

Color Contrast Check

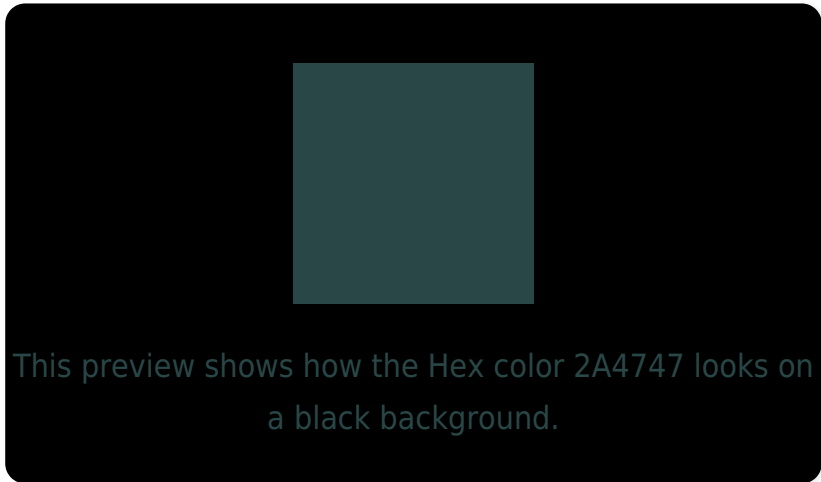
Large Text (above 18pt) WCAG AA ✓ Pass

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

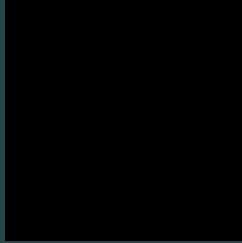
Any Text WCAG AA × Fail

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 2A4747 Background



This preview shows how black text looks on a background with the Hex color 2A4747.



This preview shows how white text looks on a background with the Hex color 2A4747.

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

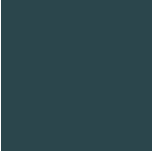
2A4747

Protanopia

424144

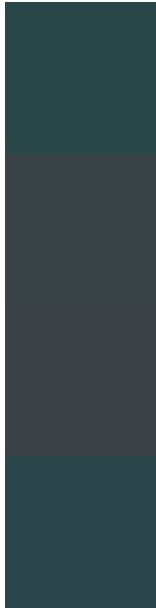
Deuteranopia

454048



Tritanopia
2B464C

Trichromacy



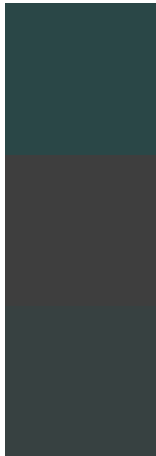
Original Color
2A4747

Protanomaly
394345

Deuteranomaly
3B4348

Tritanomaly
2B464A

Monochromacy



Original Color
2A4747

Achromatopsia
3E3E3E

Achromatomaly
374141

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4747 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 #2A4747 looks like.

```
.text, #text, p{  
    color:#2A4747  
}
```

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 #2A4747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4747
}
```

Border

The CSS property to change the border of an element to Hex 2A4747 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
#2A4747 }
```

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

```
.border{ border-color:#2A4747 }
```

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

Here you see how a box with a 4 pixel #2A4747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4747; -webkit-box-shadow:4px 4px  
4px 4px #2A4747; box-shadow:4px 4px 4px  
4px #2A4747 }
```

Background

The CSS property to change the background color of an element to Hex 2A4747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4747 }
```

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

```
.background{ background-color:#2A4747 }
```

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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