

Converting Colors

Hex(2A2929)

Have a look what the booklet for
Hex(2A2929) contains.

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Color

Hex(2A2929)

Conversions

Conversions Part 1

Format	Color
Hex	2A2929
RGB	42, 41, 41
RGB Percent	16%, 16%, 16%
CMY	0.8353, 0.8392, 0.8392
CMYK	0.00, 0.02, 0.02, 0.84
HSL	0°, 1%, 16%
HSV	0°, 2%, 16%
XYZ	2.1480, 2.2382, 2.4166
YIQ	41.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
R_YB	42, 41, 41
Decimal	2763049
CIE Lab	16.69, 0.45, 0.16
CIE LCh	17, 0.481, 19.128
Yxy	2.2382, 0.3158, 0.3290
Android (android.graphics.Color)	4280953129 (0xFF2A2929)
YUV	41.2990, -0.1474, 0.6148
Hunter-Lab	14.9607, -0.5525, 0.8952

Details

The Hex color **2A2929** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **292A2A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **575656**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A2525**, and if you desaturate by 10%, it is **2A2D2D**.

Distribution



 Red (16%)

 Green (16%)

 Blue (16%)



 Red (16%)

 Yellow (16%)

 Blue (16%)



 Cyan (0%)


 Magenta (2%)

 Yellow (2%)

 Black (84%)



 Cyan (84%)

 Magenta (84%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2929 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 2A2929 by changing the saturation by 10% instead.

■ 2A2929

■ 2A2929

FFFFFF

■ 161515

■ 575656

■ 000000

■ 706E6E

■ 898888

■ A3A2A2

■ BEBDBD

■ DAD9D9

■ F7F5F5

■ 2A2929

■ 2A2929

■ 2A2525

■ 2A2D2D

■ 2A2121

■ 2A3131

■ 2A1C1C

■ 2A3636

■ 2A1818

■ 2A3A3A

■ 2A1414

■ 2A3E3E

■ 2A1010

■ 2A4242

■ 2A0C0C

■ 2A4646

■ 2A0707

■ 2A4B4B

■ 2A0303

■ 2A4F4F

Harmonies

Triad

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



2A2929



292929



29292A

Complementary

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



2A2929



292A2A

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.



28292A



2A2929



292929

Square

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



2A2929



292929



282929



29292A

Rectangle

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



2A2929



282929



29292A

Sweetspot

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



2A2929



363535



2A292A



1C1C1C



9C9C9C

Same Dimension

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



2A2929



363434



141414



540000



D40000

Inverse Universe

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



292A2A



343636



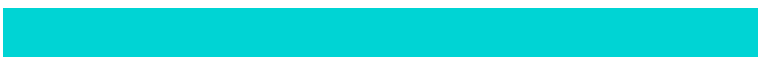
29292A



141414



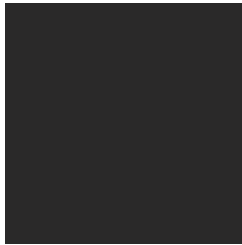
005454



00D4D4

Previews

White Background



This preview shows how the Hex color 2A2929 looks on a white background.

Color Contrast Check

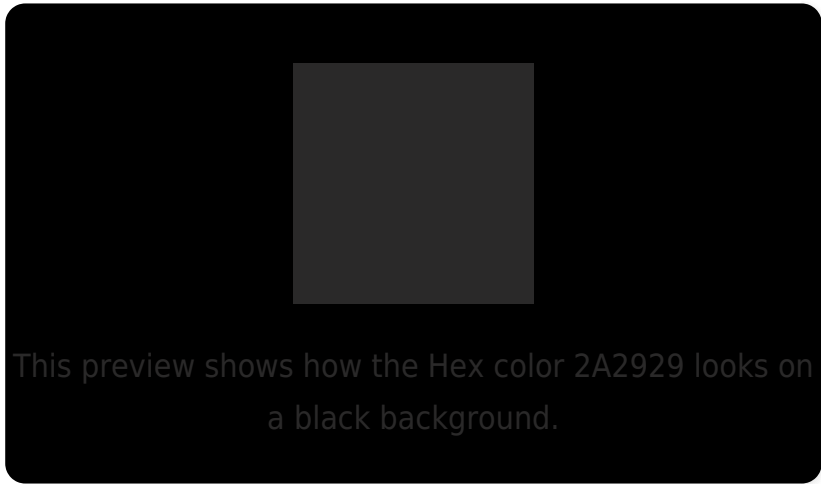
Large Text (above 18pt) WCAG AA ✓ Pass

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

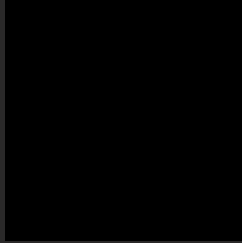
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

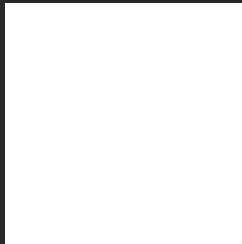
Any Text WCAG AAA × Fail

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

Hex 2A2929 Background



This preview shows how black text looks on a background with the Hex color 2A2929.

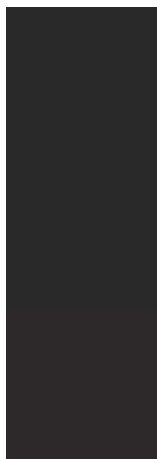


This preview shows how white text looks on a background with the Hex color 2A2929.

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

2A2929

Protanopia

2A2929

Deuteranopia

2D2829



Tritanopia
2A292C

Trichromacy



Original Color

2A2929

Protanomaly

2A2929

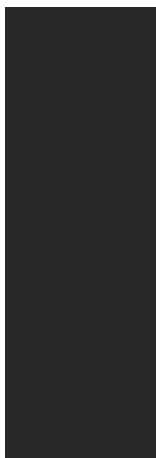
Deuteranomaly

2C2829

Tritanomaly

2A292B

Monochromacy



Original Color

2A2929

Achromatopsia

292929

Achromatomaly

292929

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2929 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 #2A2929 looks like.

```
.text, #text, p{  
    color:#2A2929  
}
```

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 #2A2929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2929
}
```

Border

The CSS property to change the border of an element to Hex 2A2929 is called "border". The border property can be set on classes, ids or directly on the HTML element.

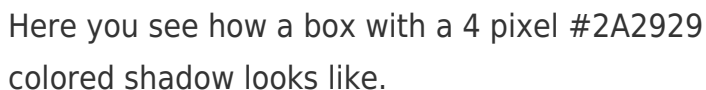
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2929 }
```

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

```
.border{ border-color:#2A2929 }
```

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



Here you see how a box with a 4 pixel #2A2929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2929; -webkit-box-shadow:4px 4px  
4px 4px #2A2929; box-shadow:4px 4px 4px  
4px #2A2929 }
```

Background

The CSS property to change the background color of an element to Hex 2A2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2929 }
```

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

```
.background{ background-color:#2A2929 }
```

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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