

Converting Colors

Hex(2A2525)

Have a look what the booklet for
Hex(2A2525) contains.

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Color

Hex(2A2525)

Conversions

Conversions Part 1

Format	Color
Hex	2A2525
RGB	42, 37, 37
RGB Percent	16%, 15%, 15%
CMY	0.8353, 0.8549, 0.8549
CMYK	0.00, 0.12, 0.12, 0.84
HSL	0°, 6%, 15%
HSV	0°, 12%, 16%
XYZ	1.9503, 1.9489, 2.0237
YIQ	38.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

Format	Color
RYB	42, 37, 37
Decimal	2762021
CIELab	15.22, 2.33, 0.85
CIELCh	15, 2.479, 19.936
Yxy	1.9489, 0.3293, 0.3291
Android (android.graphics.Color)	4280952101 (0xFF2A2525)
YUV	38.4950, -0.7370, 3.0739
Hunter-Lab	13.9605, 0.5064, 1.1779

Details

The Hex color **2A2525** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **252A2A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **575252**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A2121**, and if you desaturate by 10%, it is **2A2929**.

Distribution



Red (16%)

Green (15%)

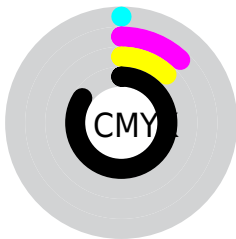
Blue (15%)



Red (16%)

Yellow (15%)

Blue (15%)



Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (84%)



Cyan (84%)

Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2525 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 2A2525 by changing the saturation by 10% instead.

■ 2A2525

■ 2A2525

FFFFFF

■ 161010

■ 575252

■ 000000

■ 706A6A

■ 898383

■ A39D9D

■ BEB8B8

■ DAD3D3

■ F7F0F0

■ 2A2525

■ 2A2525

■ 2A2121

■ 2A2929

■ 2A1D1D

■ 2A2D2D

■ 2A1818

■ 2A3232

■ 2A1414

■ 2A3636

■ 2A1010

■ 2A3A3A

■ 2A0C0C

■ 2A3E3E

■ 2A0808

■ 2A4242

■ 2A0303

■ 2A4747

■ 2A0000

■ 2A4B4B

Harmonies

Analogous

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



292527



2A2525



2A2524

Triad

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



2A2525



242724



24262A

Complementary

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



2A2525



252A2A

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.



222729



2A2525



232725

Square

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



2A2525



262623



222727



262629

Rectangle

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



2A2525



292623



222727



232729

Sweetspot

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



2A2525



363333



2A252A



1C1B1B



9C9C9C



1C1C1C

Same Dimension

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



2A2525



362E2E



2A2725



141212



540000



D40000

Inverse Universe

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



252A2A



2E3636



25272A



121414



005454



00D4D4

Previews

White Background



This preview shows how the Hex color 2A2525 looks on a white background.

Color Contrast Check

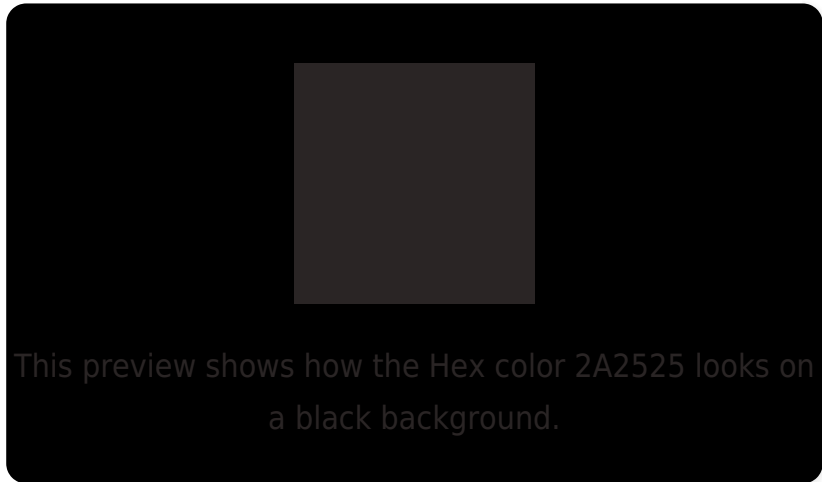
Large Text (above 18pt) WCAG AA ✓ Pass

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

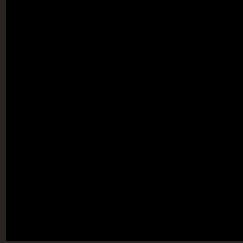
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

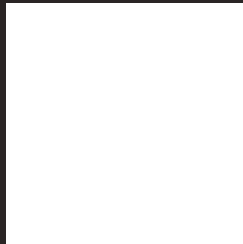
Any Text WCAG AAA × Fail

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

Hex 2A2525 Background



This preview shows how black text looks on a background with the Hex color 2A2525.

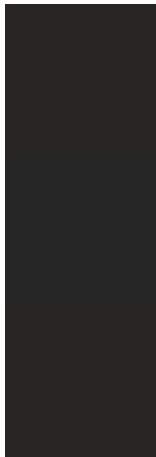


This preview shows how white text looks on a background with the Hex color 2A2525.

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
2A2525

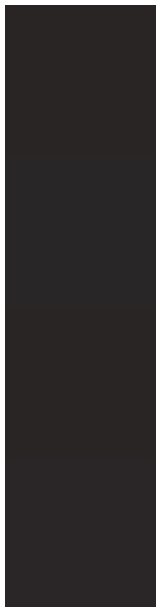
Protanopia
272626

Deuteranopia
2A2525



Tritanopia
2A2527

Trichromacy



Original Color

2A2525

Protanomaly

282626

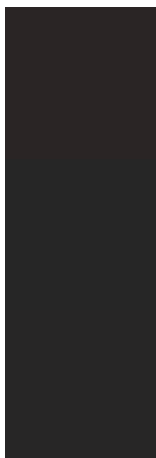
Deuteranomaly

2A2525

Tritanomaly

2A2526

Monochromacy



Original Color

2A2525

Achromatopsia

262626

Achromatomaly

272626

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2525 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 #2A2525 looks like.

```
.text, #text, p{  
    color:#2A2525  
}
```

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 #2A2525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2525  
}
```

Border

The CSS property to change the border of an element to Hex 2A2525 is called "border". The border property can be set on classes, ids or directly on the HTML element.

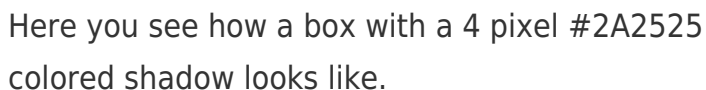
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2A2525 }
```

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

```
.border{ border-color:#2A2525 }
```

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



Here you see how a box with a 4 pixel #2A2525 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2525; -webkit-box-shadow:4px 4px  
4px 4px #2A2525; box-shadow:4px 4px 4px  
4px #2A2525 }
```

Background

The CSS property to change the background color of an element to Hex 2A2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2525 }
```

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

```
.background{ background-color:#2A2525 }
```

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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