

Converting Colors

Hex(2C2509)

Have a look what the booklet for
Hex(2C2509) contains.

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Color

Hex(2C2509)

Conversions

Conversions Part 1

Format	Color
Hex	2C2509
RGB	44, 37, 9
RGB Percent	17%, 15%, 4%
CMY	0.8275, 0.8549, 0.9647
CMYK	0.00, 0.16, 0.80, 0.83
HSL	48°, 66%, 10%
HSV	48°, 80%, 17%
XYZ	1.7496, 1.8783, 0.5288
YIQ	35.9010, 13.1600, -7.2240

Conversions

Conversions Part 2

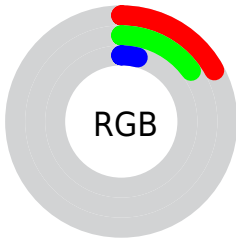
Format	Color
RYB	18, 44, 9
Decimal	2893065
CIELab	14.84, -0.89, 18.01
CIELCh	15, 18.037, 92.836
Yxy	1.8783, 0.4209, 0.4519
Android (android.graphics.Color)	4281083145 (0xFF2C2509)
YUV	35.9010, -13.2622, 7.1028
Hunter-Lab	13.7052, -1.1972, 7.3061

Details

The Hex color **2C2509** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **09102C**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5B5135**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C2405**, and if you desaturate by 10%, it is **2C260D**.

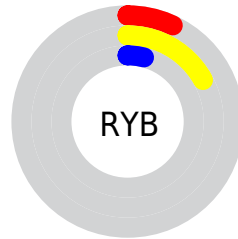
Distribution



Red (17%)

Green (15%)

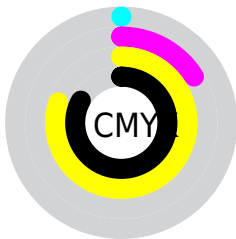
Blue (4%)



Red (7%)

Yellow (17%)

Blue (4%)

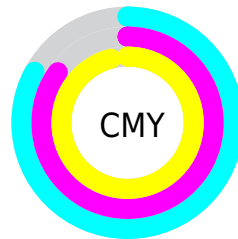


Cyan (0%)

Magenta (16%)

Yellow (80%)

Black (83%)



Cyan (83%)

Magenta (85%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2C2509 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 2C2509 by changing the saturation by 10% instead.

 2C2509

 2C2509

 FFFFEA

 151000

 5B5135

 000000

 746A4C

 8E8364

 A89D7D

 C4B897

 E0D3B2

 FDEFCE

 2C2509

 2C2509

■ 2C2405

■ 2C260D

■ 2C2300

■ 2C2712

■ 2C2816

■ 2C291B

■ 2C291F

■ 2C2A23

■ 2C2B28

■ 2C2C2C

■ 2C2D31

Harmonies

Analogous

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



36200E



2C2509



1F290F

Triad

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



2C2509



002B33



361D31

Complementary

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



2C2509



09102C

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.



28223B



2C2509



002A3C

Square

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



2C2509



002C26



11263F



3D1B25

Rectangle

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



2C2509



142A15



11263F



321E35

Sweetspot

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



2C2509



38352B



2C0910



1C1A14



9C9C9C



1C1C1C

Same Dimension

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



2C2509



382D03



222C09



171615



574500



D6AB00

Inverse Universe

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



09102C



030D38



13092C



151517



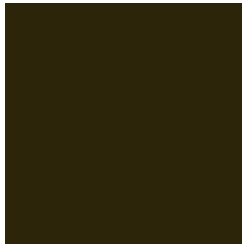
001157



002BD6

Previews

White Background



This preview shows how the Hex color 2C2509 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

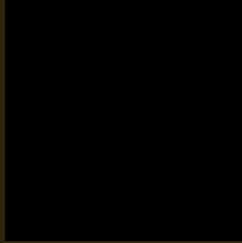
Any Text WCAG AA × Fail

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 2C2509 Background



This preview shows how black text looks on a background with the Hex color 2C2509.

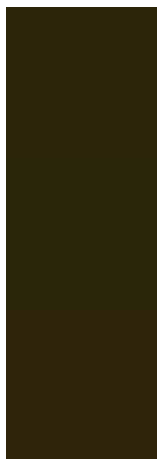


This preview shows how white text looks on a background with the Hex color 2C2509.

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

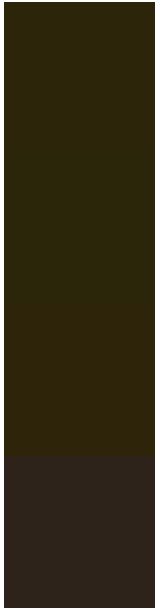


Original Color
2C2509

Protanopia
2A2609

Deuteranopia
2F240A

Trichromacy



Original Color
2C2509

Protanomaly
2B2609

Deuteranomaly
2E240A

Tritanomaly
2D231B

Monochromacy



Original Color
2C2509

Achromatopsia
242424

Achromatomaly
27241A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2509 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 #2C2509 looks like.

```
.text, #text, p{  
    color:#2C2509  
}
```

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 #2C2509 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2509
}
```

Border

The CSS property to change the border of an element to Hex 2C2509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

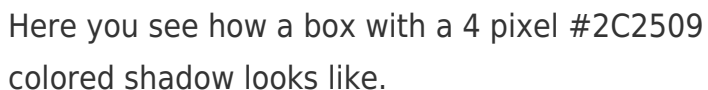
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2509 }
```

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

```
.border{ border-color:#2C2509 }
```

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



Here you see how a box with a 4 pixel #2C2509 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2509; -webkit-box-shadow:4px 4px  
4px 4px #2C2509; box-shadow:4px 4px 4px  
4px #2C2509 }
```

Background

The CSS property to change the background color of an element to Hex 2C2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2509 }
```

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

```
.background{ background-color:#2C2509 }
```

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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