

Converting Colors

Hex(2C1769)

Have a look what the booklet for
Hex(2C1769) contains.

Hex(2C1769)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C1769)

Conversions

Conversions Part 1

Format	Color
Hex	2C1769
RGB	44, 23, 105
RGB Percent	17%, 9%, 41%
CMY	0.8275, 0.9098, 0.5882
CMYK	0.58, 0.78, 0.00, 0.59
HSL	255°, 64%, 25%
HSV	255°, 78%, 41%
XYZ	3.8949, 2.1682, 13.5778
YIQ	38.6270, -13.8060, 29.9540

Conversions

Conversions Part 2

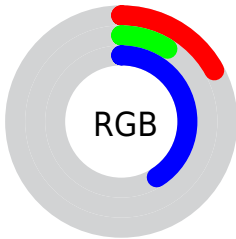
Format	Color
R_{YB}	44, 23, 105
Decimal	2889577
CIE _{Lab}	16.35, 32.96, -44.15
CIE _{LCh}	16, 55.095, 306.741
Yxy	2.1682, 0.1983, 0.1104
Android (android.graphics.Color)	4281079657 (0xFF2C1769)
YUV	38.6270, 32.7219, 4.7121
Hunter-Lab	14.7248, 21.4474, -44.3644




Details

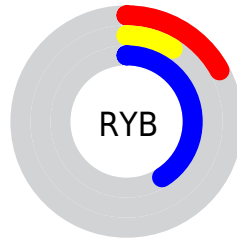
The Hex color **2C1769** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **546917**, and the grayscale version is **262626**.




A 20% lighter version of the original color is **61459D**, and **000039** is the 20% darker color. If you saturate the color by 10%, you get **240C69**, and if you desaturate by 10%, it is **342169**.

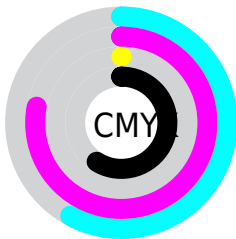
Distribution







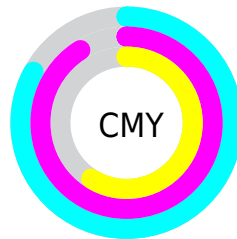
-  Red (17%)
-  Green (9%)
-  Blue (41%)






-  Red (17%)
-  Yellow (9%)
-  Blue (41%)



-  Cyan (58%)
-  Magenta (78%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (83%)
-  Magenta (91%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1769 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 2C1769 by changing the saturation by 10% instead.

■ 2C1769

■ 2C1769

FFFFFF

■ 0D0150

■ 61459D

■ 000039

■ 7C5DB8

■ 000222

■ 9776D4

■ 000008

■ B390F1

■ 000000

■ CFAAFF

■ ECC6FF

■ FFE2FF

■ 2C1769

■ 2C1769

■ 240C69

■ 342169

■ 1C0269

■ 3C2C69

■ 1B0069

■ 433669

■ 4B4169

■ 534B69

■ 5B5669

■ 636169

■ 6A6B69

■ 727669

Harmonies

Analogous

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



002C79



2C1769



5B0048

Triad

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



2C1769



4B1900



003731

Complementary

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



2C1769



546917

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.



003502



2C1769



2B2A00

Square

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



2C1769



610000



003200



003757

Rectangle

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



2C1769



66002F



003200



003723

Sweetspot

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



2C1769



726A8A



175569



373245



C4C4C4



454545

Same Dimension

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



2C1769



29088A



551769



323036



1E0075



3F00F5

Inverse Universe

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



691754



8A0869



2B6917



363034



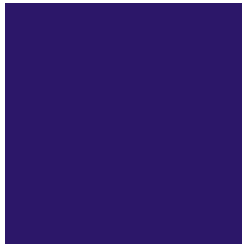
750057



F500B6

Previews

White Background



This preview shows how the Hex color 2C1769 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

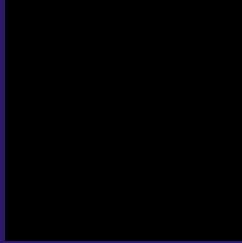
Any Text WCAG AA × Fail

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 2C1769 Background



This preview shows how black text looks on a background with the Hex color 2C1769.



This preview shows how white text looks on a background with the Hex color 2C1769.

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
2C1769

Protanopia
002854

Deuteranopia
002B48



Tritanopia
152D31

Trichromacy



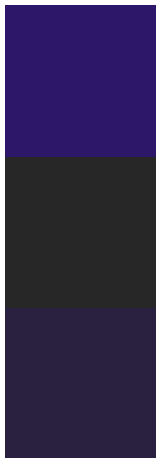
Original Color
2C1769

Protanomaly
10225C

Deuteranomaly
102454

Tritanomaly
1D2545

Monochromacy



Original Color
2C1769

Achromatopsia
272727

Achromatomaly
29213F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1769 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 #2C1769 looks like.

```
.text, #text, p{  
    color:#2C1769  
}
```

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 #2C1769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1769
}
```

Border

The CSS property to change the border of an element to Hex 2C1769 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".

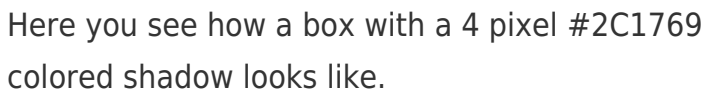
```
.border, #border, table{ border:4px solid
#2C1769 }
```

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

```
.border{ border-color:#2C1769 }
```

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

Here you see how a box with a 4 pixel #2C1769 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1769; -webkit-box-shadow:4px 4px  
4px 4px #2C1769; box-shadow:4px 4px 4px  
4px #2C1769 }
```

Background

The CSS property to change the background color of an element to Hex 2C1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1769 }
```

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

```
.background{ background-color:#2C1769 }
```

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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