

Converting Colors

Hex(2C1177)

Have a look what the booklet for
Hex(2C1177) contains.

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Color

Hex(2C1177)

Conversions

Conversions Part 1

Format	Color
Hex	2C1177
RGB	44, 17, 119
RGB Percent	17%, 7%, 47%
CMY	0.8275, 0.9333, 0.5333
CMYK	0.63, 0.86, 0.00, 0.53
HSL	256°, 75%, 27%
HSV	256°, 86%, 47%
XYZ	4.5689, 2.2683, 17.6498
YIQ	36.7010, -16.6500, 37.4460

Conversions

Conversions Part 2

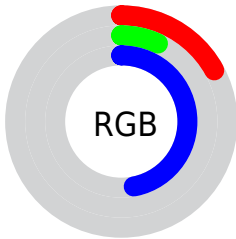
Format	Color
R_{YB}	44, 17, 119
Decimal	2888055
CIE _{Lab}	16.84, 40.26, -52.43
CIE _{LCh}	17, 66.110, 307.520
Yxy	2.2683, 0.1866, 0.0926
Android (android.graphics.Color)	4281078135 (0xFF2C1177)
YUV	36.7010, 40.5734, 6.4012
Hunter-Lab	15.0608, 27.7943, -58.9394

Details

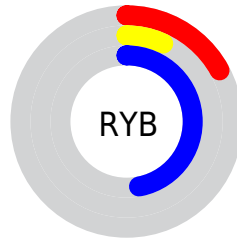
The Hex color **2C1177** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5C7711**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **6441AC**, and **000045** is the 20% darker color. If you saturate the color by 10%, you get **230577**, and if you desaturate by 10%, it is **351D77**.

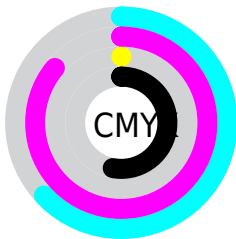
Distribution



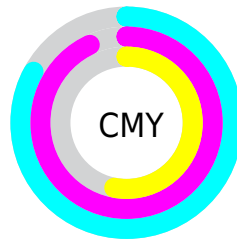
- Red (17%)
- Green (7%)
- Blue (47%)



- Red (17%)
- Yellow (7%)
- Blue (47%)



- Cyan (63%)
- Magenta (86%)
- Yellow (0%)
- Black (53%)



- Cyan (83%)
- Magenta (93%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1177 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 2C1177 by changing the saturation by 10% instead.

■ 2C1177

■ 2C1177

■ FFFCFF

■ 05005E

■ 6441AC

■ 000045

■ 8059C8

■ 00042E

■ 9C72E5

■ 000118

■ B88CFF

■ 000000

■ D5A7FF

■ F2C2FF

■ FFDFFF

■ 2C1177

■ 2C1177

■ 230577

■ 351D77

■ 1F0077

■ 3D2977

■ 463577

■ 4F4177

■ 584C77

■ 605877

■ 696477

■ 727077

■ 7B7C77

Harmonies

Analogous

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



002F8B



2C1177



66004F

Triad

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



2C1177



501700



003A35

Complementary

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



2C1177



5C7711

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.



003800



2C1177



2A2C00

Square

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



2C1177



6A0000



003400



003A64

Rectangle

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



2C1177



730030



003400



003A24

Sweetspot

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



2C1177



7E739C



115E77



3D374F



CFCFCF



4F4F4F

Same Dimension

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



2C1177



29009C



5E1177



36353B



20007A



4200FA

Inverse Universe

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



77115C



9C0072



2A7711



3B3539



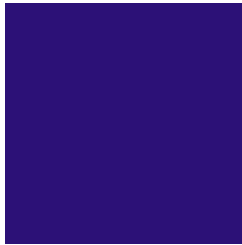
7A005A



FA00B8

Previews

White Background



This preview shows how the Hex color 2C1177 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

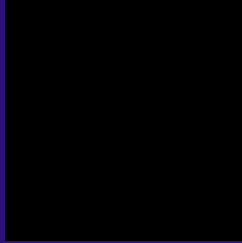
Any Text WCAG AA × Fail

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 2C1177 Background



This preview shows how black text looks on a background with the Hex color 2C1177.



This preview shows how white text looks on a background with the Hex color 2C1177.

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
2C1177

Protanopia
002A57

Deuteranopia
002C4A

Trichromacy



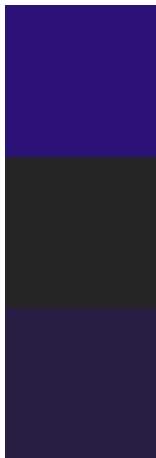
Original Color
2C1177

Protanomaly
102163

Deuteranomaly
10225A

Tritanomaly
10254C

Monochromacy



Original Color
2C1177

Achromatopsia
252525

Achromatomaly
281E43

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1177 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 #2C1177 looks like.

```
.text, #text, p{  
    color:#2C1177  
}
```

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 #2C1177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1177
}
```

Border

The CSS property to change the border of an element to Hex 2C1177 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
#2C1177 }
```

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

```
.border{ border-color:#2C1177 }
```

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

Here you see how a box with a 4 pixel #2C1177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1177; -webkit-box-shadow:4px 4px  
4px 4px #2C1177; box-shadow:4px 4px 4px  
4px #2C1177 }
```

Background

The CSS property to change the background color of an element to Hex 2C1177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1177 }
```

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

```
.background{ background-color:#2C1177 }
```

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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