

Converting Colors

Hex(2C1A50)

Have a look what the booklet for
Hex(2C1A50) contains.

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Color

Hex(2C1A50)

Conversions

Conversions Part 1	
Format	Color
Hex	2C1A50
RGB	44, 26, 80
RGB Percent	17%, 10%, 31%
CMY	0.8275, 0.8980, 0.6863
CMYK	0.45, 0.68, 0.00, 0.69
HSL	260°, 51%, 21%
HSV	260°, 68%, 31%
XYZ	2.8561, 1.8534, 7.7966
YIQ	37.5380, -6.6060, 20.6100

Conversions

Conversions Part 2

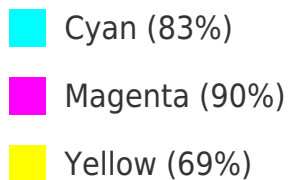
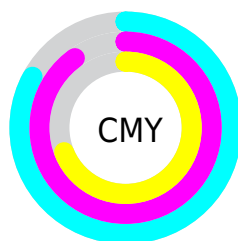
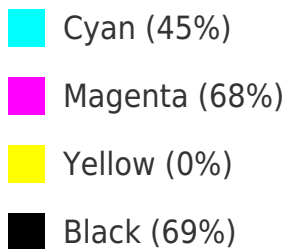
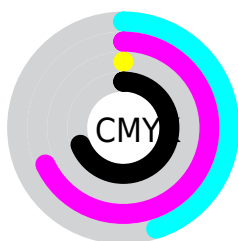
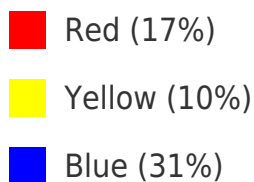
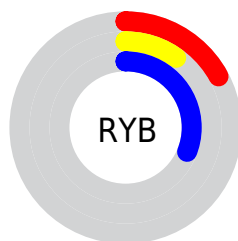
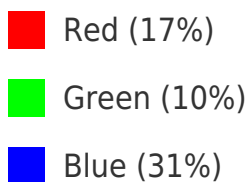
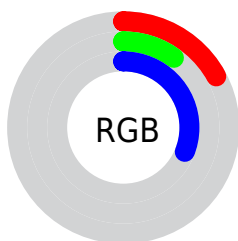
Format	Color
RYB	44, 26, 80
Decimal	2890320
CIELab	14.70, 23.12, -30.12
CIELCh	15, 37.975, 307.513
Yxy	1.8534, 0.2284, 0.1482
Android (android.graphics.Color)	4281080400 (0xFF2C1A50)
YUV	37.5380, 20.9338, 5.6672
Hunter-Lab	13.6141, 13.6222, -24.4247

Details

The Hex color **2C1A50** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3E501A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5D4682**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **271250**, and if you desaturate by 10%, it is **312250**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 2C1A50 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 2C1A50 by changing the saturation by 10% instead.

 2C1A50

 2C1A50

FFFFFF


 150339

 5D4682

 000223

 765E9C

 000009

 9177B7

 000000

 AC91D3

 C7ACEF


 E4C7FF

 FFE3FF

 2C1A50

 2C1A50

 271250

 312250

 210A50

 372A50

 1C0250

 3C3250

 1B0050

 413A50

 474250

 4C4A50

 515250

 575A50

 5C6250

Harmonies

Analogous

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



00275B



2C1A50



49063A

Triad

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



2C1A50



3F1C00



00302B

Complementary

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



2C1A50



3E501A

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.



002F0F



2C1A50



292600

Square

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



2C1A50



4E0B00



0C2C00



003045

Rectangle

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



2C1A50



510029



0C2C00



003022

Sweetspot

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



2C1A50



5B5469



1A3E50



2D2936



B5B5B5



363636

Same Dimension

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



2C1A50



301469



471A50



262529



230069



4D00E8

Inverse Universe

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



501A3E



69144C



23501A



292527



690046



E8009B

Previews

White Background



This preview shows how the Hex color 2C1A50 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



This preview shows how the Hex color 2C1A50 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

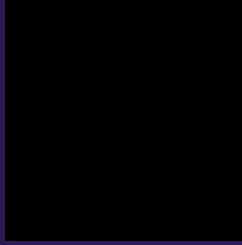
Any Text WCAG AA × Fail

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 2C1A50 Background



This preview shows how black text looks on a background with the Hex color 2C1A50.



This preview shows how white text looks on a background with the Hex color 2C1A50.

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

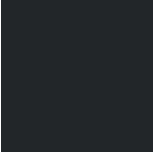
2C1A50

Protanopia

00244D

Deuteranopia

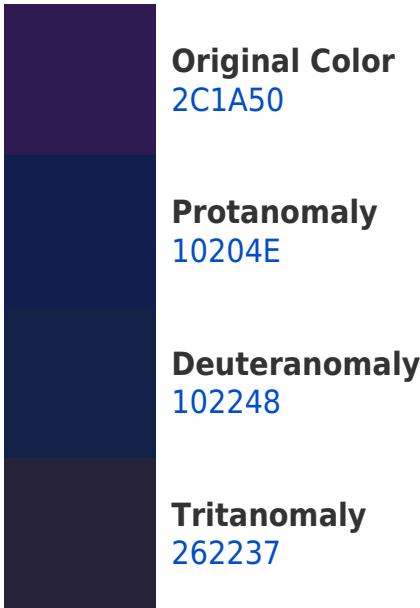
002743



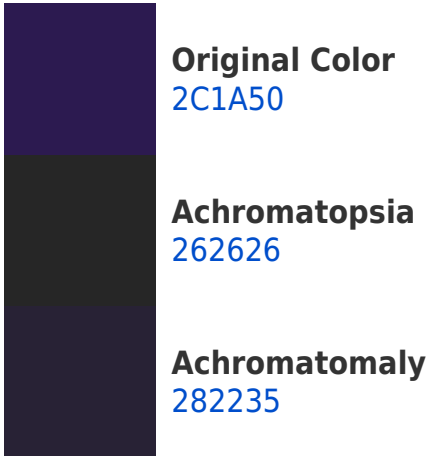
Tritanopia

222629

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1A50 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 #2C1A50 looks like.

```
.text, #text, p{  
    color:#2C1A50  
}
```

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 #2C1A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1A50
}
```

Border

The CSS property to change the border of an element to Hex 2C1A50 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
#2C1A50 }
```

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

```
.border{ border-color:#2C1A50 }
```

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

Here you see how a box with a 4 pixel #2C1A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1A50; -webkit-box-shadow:4px 4px  
4px 4px #2C1A50; box-shadow:4px 4px 4px  
4px #2C1A50 }
```

Background

The CSS property to change the background color of an element to Hex 2C1A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1A50 }
```

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

```
.background{ background-color:#2C1A50 }
```

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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