

Converting Colors

Hex(2C1650)

Have a look what the booklet for
Hex(2C1650) contains.

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Color

Hex(2C1650)

Conversions

Conversions Part 1

Format	Color
Hex	2C1650
RGB	44, 22, 80
RGB Percent	17%, 9%, 31%
CMY	0.8275, 0.9137, 0.6863
CMYK	0.45, 0.72, 0.00, 0.69
HSL	263°, 57%, 20%
HSV	263°, 72%, 31%
XYZ	2.7736, 1.6885, 7.7691
YIQ	35.1900, -5.5060, 22.7020

Conversions

Conversions Part 2

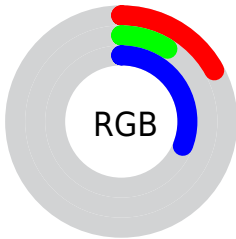
Format	Color
R_{YB}	44, 22, 80
Decimal	2889296
CIE _{Lab}	13.76, 25.66, -31.64
CIE _{LCh}	14, 40.742, 309.041
Yxy	1.6885, 0.2268, 0.1380
Android (android.graphics.Color)	4281079376 (0xFF2C1650)
YUV	35.1900, 22.0913, 7.7264
Hunter-Lab	12.9941, 15.3608, -26.3533

Details

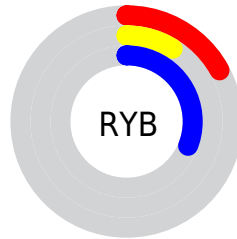
The Hex color **2C1650** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **3A5016**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **5D4282**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **270E50**, and if you desaturate by 10%, it is **311E50**.

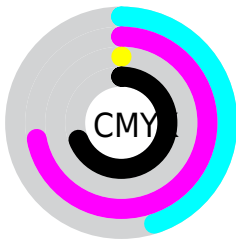
Distribution



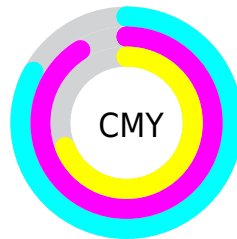
- Red (17%)
- Green (9%)
- Blue (31%)



- Red (17%)
- Yellow (9%)
- Blue (31%)



- Cyan (45%)
- Magenta (72%)
- Yellow (0%)
- Black (69%)



- Cyan (83%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1650 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 2C1650 by changing the saturation by 10% instead.

 2C1650

 2C1650

 FFFBFF


 160039

 5D4282

 000222

 775A9C

 000009

 9173B7

 000000

 AC8DD3

 C8A7EF

 E5C3FF

 FFDFFF

 2C1650

 2C1650

■ 270E50

■ 311E50

■ 220650

■ 362650

■ 1E0050

■ 3B2E50

■ 403650

■ 453E50

■ 4A4650

■ 4F4E50

■ 545650

■ 595E50

Harmonies

Analogous

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



00245C



2C1650



4A0038

Triad

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



2C1650



3C1A00



002F2B

Complementary

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



2C1650



3A5016

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.



002E0C



2C1650



252500

Square

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



2C1650



4D0500



022B00



002E47

Rectangle

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



2C1650



520025



022B00



002F21

Sweetspot

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



2C1650



5A5269



163B50



2D2836



B5B5B5



363636

Same Dimension

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



2C1650



300E69



481650



262529



280069



5800E8

Inverse Universe

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



50163A



690E46



1E5016



292527



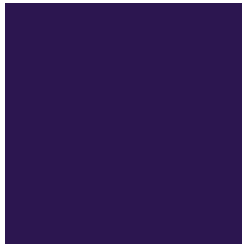
690041



E80090

Previews

White Background



This preview shows how the Hex color 2C1650 looks on a white background.

Color Contrast Check

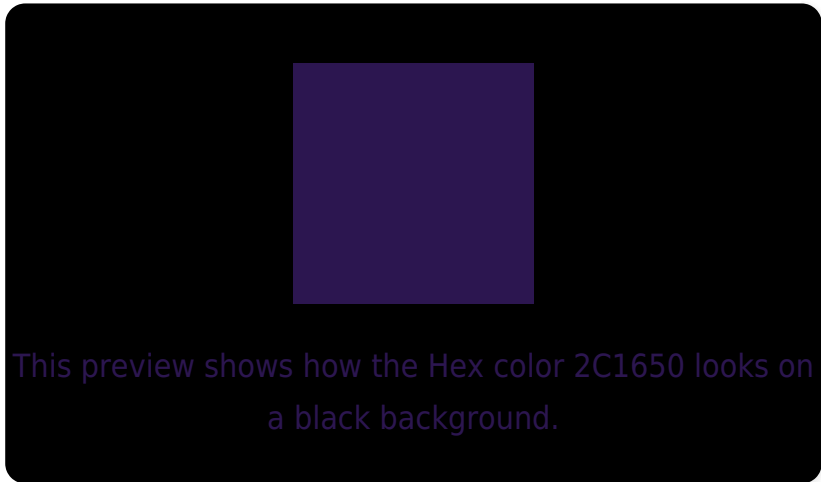
Large Text (above 18pt) WCAG AA ✓ Pass

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

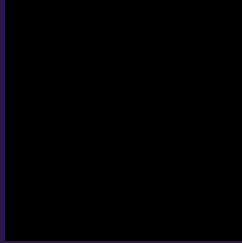
Any Text WCAG AA × Fail

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 2C1650 Background



This preview shows how black text looks on a background with the Hex color 2C1650.



This preview shows how white text looks on a background with the Hex color 2C1650.

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
2C1650

Protanopia
002349

Deuteranopia
00253F



Tritanopia
222427

Trichromacy



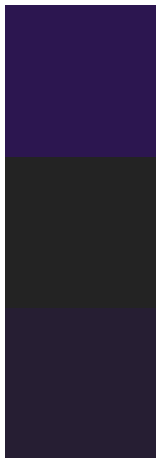
Original Color
2C1650

Protanomaly
101E4C

Deuteranomaly
102045

Tritanomaly
261F36

Monochromacy



Original Color
2C1650

Achromatopsia
232323

Achromatomaly
261E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1650 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 #2C1650 looks like.

```
.text, #text, p{  
    color:#2C1650  
}
```

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 #2C1650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1650
}
```

Border

The CSS property to change the border of an element to Hex 2C1650 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".

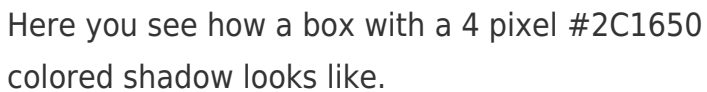
```
.border, #border, table{ border:4px solid
#2C1650 }
```

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

```
.border{ border-color:#2C1650 }
```

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

Here you see how a box with a 4 pixel #2C1650 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1650; -webkit-box-shadow:4px 4px  
4px 4px #2C1650; box-shadow:4px 4px 4px  
4px #2C1650 }
```

Background

The CSS property to change the background color of an element to Hex 2C1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1650 }
```

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

```
.background{ background-color:#2C1650 }
```

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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