

Converting Colors

Hex(2C3161)

Have a look what the booklet for
Hex(2C3161) contains.

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Color

Hex(2C3161)

Conversions

Conversions Part 1

Format	Color
Hex	2C3161
RGB	44, 49, 97
RGB Percent	17%, 19%, 38%
CMY	0.8275, 0.8078, 0.6196
CMYK	0.55, 0.49, 0.00, 0.62
HSL	234°, 38%, 28%
HSV	234°, 55%, 38%
XYZ	4.2947, 3.5952, 11.7768
YIQ	52.9770, -18.3880, 13.8680

Conversions

Conversions Part 2

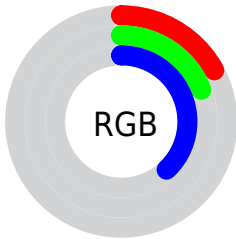
Format	Color
R_{YB}	44, 49, 97
Decimal	2896225
CIE Lab	22.29, 13.07, -29.28
CIE LCh	22, 32.065, 294.046
Yxy	3.5952, 0.2184, 0.1828
Android (android.graphics.Color)	4281086305 (0xFF2C3161)
YUV	52.9770, 21.7033, -7.8728
Hunter-Lab	18.9609, 7.2490, -23.5530




Details

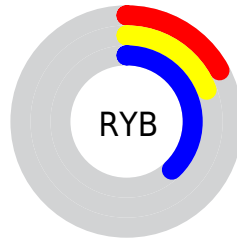
The Hex color **2C3161** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **615C2C**, and the grayscale version is **353535**.




A 20% lighter version of the original color is **5E5F94**, and **000232** is the 20% darker color. If you saturate the color by 10%, you get **222861**, and if you desaturate by 10%, it is **363A61**.

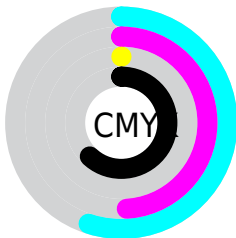
Distribution







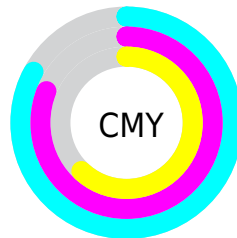
-  Red (17%)
-  Green (19%)
-  Blue (38%)






-  Red (17%)
-  Yellow (19%)
-  Blue (38%)



-  Cyan (55%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (83%)
-  Magenta (81%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3161 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 2C3161 by changing the saturation by 10% instead.

■ 2C3161

■ 2C3161

FFFFFF

■ 121C49

■ 5E5F94

■ 000232

■ 7878AF

■ 00021C

■ 9291CA

■ 000000

■ ADACE7

■ C9C7FF

■ E6E3FF

■ 2C3161

■ 2C3161

■ 222861

■ 363A61

■ 191F61

■ 3F4361

■ 0F1761

■ 494B61

■ 050E61

■ 535461

■ 000961

■ 5D5D61

■ 666661

■ 706E61

■ 7A7761

■ 838061

Harmonies

Analogous

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



003965



2C3161



4D2652

Triad

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



2C3161



56290E



004030

Complementary

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



2C3161



615C2C

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.



0D3E18



2C3161



453200

Square

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



2C3161



5F2023



2F3A03



004048

Rectangle

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



2C3161



5A2043



2F3A03



004027

Sweetspot

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



2C3161



696B7D



2C615C



343540



BFBFBF



404040

Same Dimension

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



2C3161



2A327D



412C61



2C2C30



000B70



0017F0

Inverse Universe

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



612C31



7D2A32



4C612C



302C2C



70000B



F00017

Previews

White Background



This preview shows how the Hex color 2C3161 looks on a white background.

Color Contrast Check

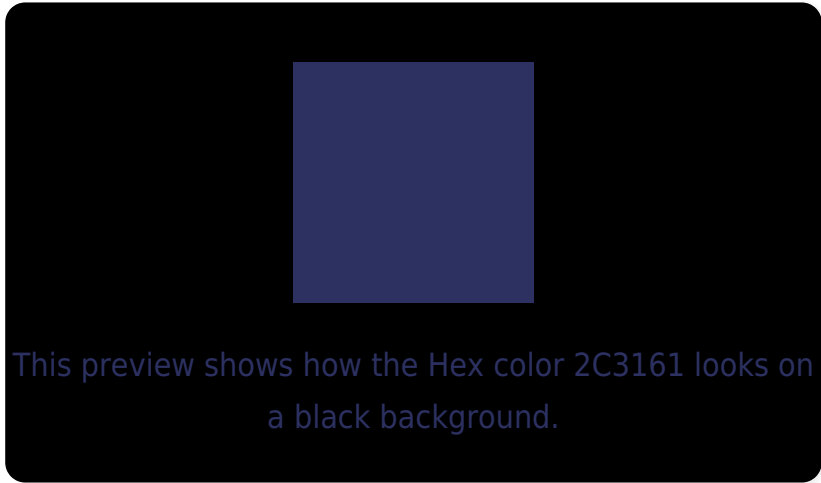
Large Text (above 18pt) WCAG AA ✓ Pass

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

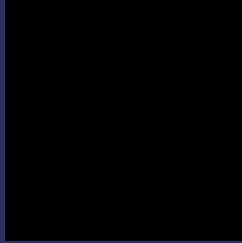
Any Text WCAG AA × Fail

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 2C3161 Background



This preview shows how black text looks on a background with the Hex color 2C3161.



This preview shows how white text looks on a background with the Hex color 2C3161.

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](#).

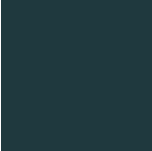
Dichromacy



Original Color
2C3161

Protanopia
1C3464

Deuteranopia
0A3660



Tritanopia
1F393E

Trichromacy



Original Color
2C3161

Protanomaly
223363

Deuteranomaly
163460

Tritanomaly
24364B

Monochromacy



Original Color
2C3161

Achromatopsia
353535

Achromatomaly
323445

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3161 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 #2C3161 looks like.

```
.text, #text, p{  
    color:#2C3161  
}
```

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 #2C3161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3161
}
```

Border

The CSS property to change the border of an element to Hex 2C3161 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
#2C3161 }
```

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

```
.border{ border-color:#2C3161 }
```

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

Here you see how a box with a 4 pixel #2C3161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3161; -webkit-box-shadow:4px 4px  
4px 4px #2C3161; box-shadow:4px 4px 4px  
4px #2C3161 }
```

Background

The CSS property to change the background color of an element to Hex 2C3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3161 }
```

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

```
.background{ background-color:#2C3161 }
```

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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