

Converting Colors

Hex(21267C)

Have a look what the booklet for
Hex(21267C) contains.

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Color

Hex(21267C)

Conversions

Conversions Part 1

Format	Color
Hex	21267C
RGB	33, 38, 124
RGB Percent	13%, 15%, 49%
CMY	0.8706, 0.8510, 0.5137
CMYK	0.73, 0.69, 0.00, 0.51
HSL	237°, 58%, 31%
HSV	237°, 73%, 49%
XYZ	4.9584, 3.1648, 19.4183
YIQ	46.3090, -30.5860, 25.6860

Conversions

Conversions Part 2

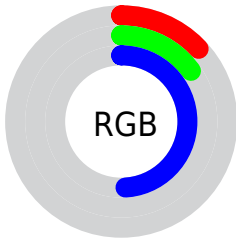
Format	Color
R_{YB}	33, 38, 124
Decimal	2172540
CIE _{Lab}	20.69, 28.67, -49.31
CIE _{LCh}	21, 57.043, 300.173
Yxy	3.1648, 0.1800, 0.1149
Android (android.graphics.Color)	4280362620 (0xFF21267C)
YUV	46.3090, 38.3017, -11.6720
Hunter-Lab	17.7899, 18.6193, -52.2643

Details

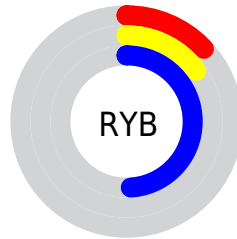
The Hex color **21267C** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7C7721**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5C53B1**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **151A7C**, and if you desaturate by 10%, it is **2D327C**.

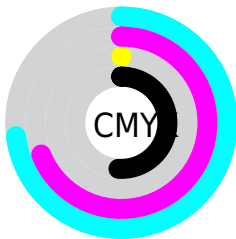
Distribution



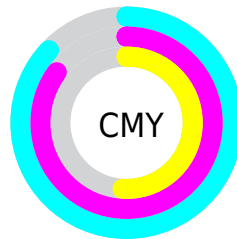
- Red (13%)
- Green (15%)
- Blue (49%)



- Red (13%)
- Yellow (15%)
- Blue (49%)



- Cyan (73%)
- Magenta (69%)
- Yellow (0%)
- Black (51%)



- Cyan (87%)
- Magenta (85%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21267C 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 21267C by changing the saturation by 10% instead.

■ 21267C

■ 21267C

FFFFFF

■ 001262

■ 5C53B1

■ 00004A

■ 776CCD

■ 000432

■ 9385EA

■ 00021C

■ AF9FFF

■ 000000

■ CCBAFF

■ E9D6FF

■ FFF2FF

■ 21267C

■ 21267C

■ 151A7C

■ 2D327C

■ 080F7C

■ 3A3D7C

■ 00077C

■ 46497C

■ 53557C

■ 5F617C

■ 6B6C7C

■ 78787C

■ 84847C

■ 918F7C

Harmonies

Analogous

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



003888



21267C



61005C

Triad

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



21267C



5E1C00



004131

Complementary

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



21267C



7C7721

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.



003F00



21267C



3E3100

Square

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



21267C



720008



0F3B00



00425C

Rectangle

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



21267C



720042



0F3B00



004122

Sweetspot

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



21267C



7D7FA1



217C76



3C3E52



D1D1D1



525252

Same Dimension

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



21267C



131BA1



48217C



37373D



00077D



000EFC

Inverse Universe

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



7C2126



A1131B



557C21



3D3737



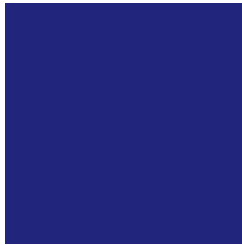
7D0007



FC000E

Previews

White Background



This preview shows how the Hex color 21267C looks on a white background.

Color Contrast Check

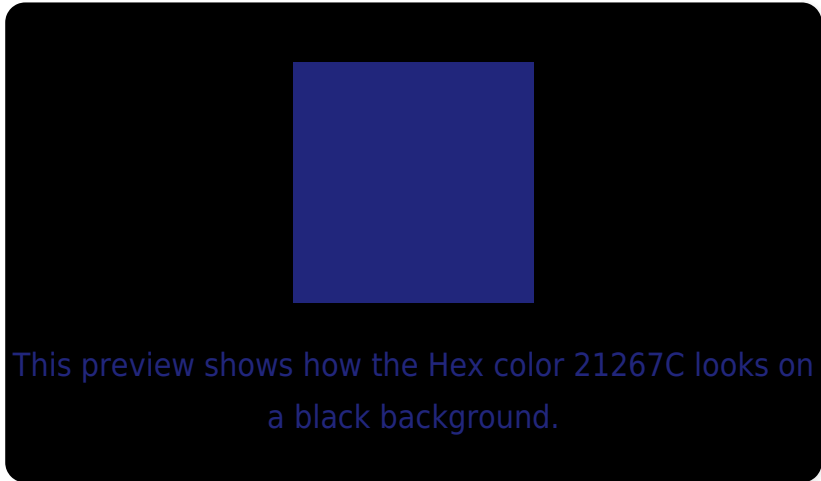
Large Text (above 18pt) WCAG AA ✓ Pass

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

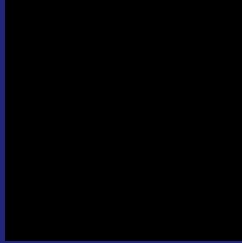
Any Text WCAG AA × Fail

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 21267C Background



This preview shows how black text looks on a background with the Hex color 21267C.



This preview shows how white text looks on a background with the Hex color 21267C.

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
21267C

Protanopia
003066

Deuteranopia
003457



Tritanopia
00383B

Trichromacy



Original Color
21267C

Protanomaly
0C2C6E

Deuteranomaly
0C2F64

Tritanomaly
0C3153

Monochromacy



Original Color
21267C

Achromatopsia
2E2E2E

Achromatomaly
292B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 21267C 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 #21267C looks like.

```
.text, #text, p{  
    color:#21267C  
}
```

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 #21267C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21267C
}
```

Border

The CSS property to change the border of an element to Hex 21267C 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".

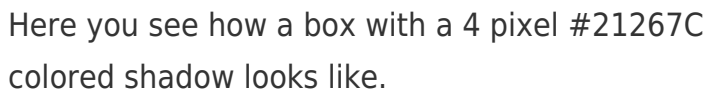
```
.border, #border, table{ border:4px solid
#21267C }
```

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

```
.border{ border-color:#21267C }
```

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

Here you see how a box with a 4 pixel #21267C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21267C; -webkit-box-shadow:4px 4px  
4px 4px #21267C; box-shadow:4px 4px 4px  
4px #21267C }
```

Background

The CSS property to change the background color of an element to Hex 21267C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21267C }
```

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

```
.background{ background-color:#21267C }
```

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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