

Converting Colors

Hex(202E7C)

Have a look what the booklet for
Hex(202E7C) contains.

Hex(202E7C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(202E7C)

Conversions

Conversions Part 1

Format	Color
Hex	202E7C
RGB	32, 46, 124
RGB Percent	13%, 18%, 49%
CMY	0.8745, 0.8196, 0.5137
CMYK	0.74, 0.63, 0.00, 0.51
HSL	231°, 59%, 31%
HSV	231°, 74%, 49%
XYZ	5.2107, 3.7163, 19.5115
YIQ	50.7060, -33.3820, 21.2900

Conversions

Conversions Part 2

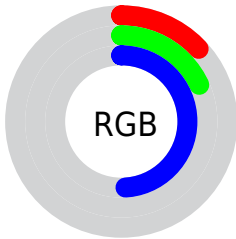
Format	Color
R_{YB}	32, 44, 124
Decimal	2109052
CIE _{Lab}	22.71, 23.09, -46.01
CIE _{LCh}	23, 51.481, 296.646
Yxy	3.7163, 0.1832, 0.1307
Android (android.graphics.Color)	4280299132 (0xFF202E7C)
YUV	50.7060, 36.1339, -16.4052
Hunter-Lab	19.2777, 14.5124, -46.5145

Details

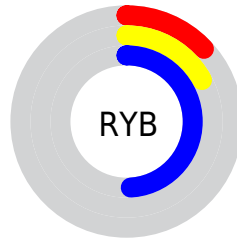
The Hex color **202E7C** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7C6E20**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5A5CB1**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **14237C**, and if you desaturate by 10%, it is **2C397C**.

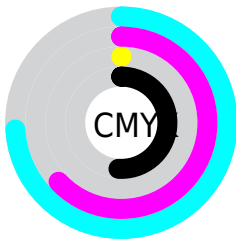
Distribution



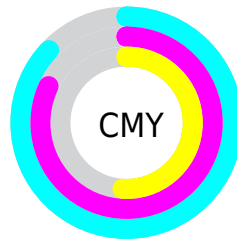
- Red (13%)
- Green (18%)
- Blue (49%)



- Red (13%)
- Yellow (17%)
- Blue (49%)



- Cyan (74%)
- Magenta (63%)
- Yellow (0%)
- Black (51%)



- Cyan (87%)
- Magenta (82%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202E7C 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 202E7C by changing the saturation by 10% instead.

■ 202E7C

■ 202E7C

FFFFFF

■ 001A63

■ 5A5CB1

■ 00004A

■ 7674CD

■ 000433

■ 918EEA

■ 00021D

■ ADA8FF

■ 000000

■ CAC3FF

■ E7DFFF

■ FFFCFF

■ 202E7C

■ 202E7C

■ 14237C

■ 2C397C

■ 07197C

■ 39437C

■ 00137C

■ 454E7C

■ 52587C

■ 5E637C

■ 6A6D7C

■ 77787C

■ 83827C

■ 908D7C

Harmonies

Analogous

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



003D84



202E7C



5E1361

Triad

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



202E7C



632100



004531

Complementary

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



202E7C



7C6E20

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.



004304



202E7C



473300

Square

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



202E7C



740017



223E00



004658

Rectangle

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



202E7C



700049



223E00



004523

Sweetspot

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



202E7C



7D83A1



207C6D



3C4052



D1D1D1



525252

Same Dimension

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



202E7C



1227A1



3F207C



37383D



00137D



0026FC

Inverse Universe

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



7C202E



A11227



5D7C20



3D3738



7D0013



FC0026

Previews

White Background



This preview shows how the Hex color 202E7C looks on a white background.

Color Contrast Check

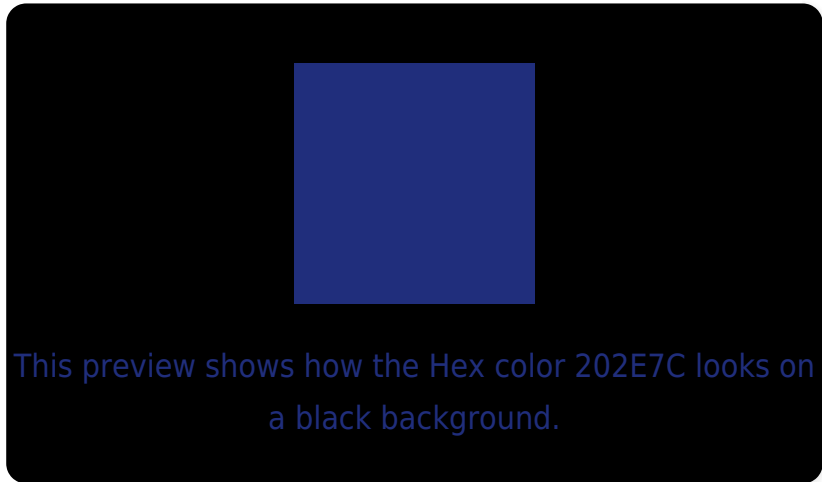
Large Text (above 18pt) WCAG AA ✓ Pass

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

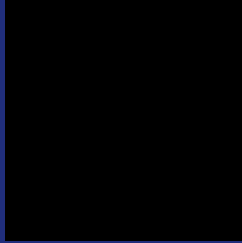
Any Text WCAG AA × Fail

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 202E7C Background



This preview shows how black text looks on a background with the Hex color 202E7C.



This preview shows how white text looks on a background with the Hex color 202E7C.

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
202E7C

Protanopia
00346F

Deuteranopia
00385F



Tritanopia
003C40

Trichromacy



Original Color
202E7C

Protanomaly
0C3274

Deuteranomaly
0C346A

Tritanomaly
0C3756

Monochromacy



Original Color
202E7C

Achromatopsia
333333

Achromatomaly
2C314E

CSS Examples

Text

The CSS property to change the color of the text to Hex 202E7C 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 #202E7C looks like.

```
.text, #text, p{  
    color:#202E7C  
}
```

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 #202E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202E7C  
}
```

Border

The CSS property to change the border of an element to Hex 202E7C 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  
#202E7C }
```

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

```
.border{ border-color:#202E7C }
```

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

Here you see how a box with a 4 pixel #202E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202E7C; -webkit-box-shadow:4px 4px  
4px 4px #202E7C; box-shadow:4px 4px 4px  
4px #202E7C }
```

Background

The CSS property to change the background color of an element to Hex 202E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202E7C }
```

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

```
.background{ background-color:#202E7C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor