

Converting Colors

Hex(202B6D)

Have a look what the booklet for
Hex(202B6D) contains.

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Color

Hex(202B6D)

Conversions

Conversions Part 1

Format	Color
Hex	202B6D
RGB	32, 43, 109
RGB Percent	13%, 17%, 43%
CMY	0.8745, 0.8314, 0.5725
CMYK	0.71, 0.61, 0.00, 0.57
HSL	231°, 55%, 28%
HSV	231°, 71%, 43%
XYZ	4.2199, 3.1390, 14.8515
YIQ	47.2350, -27.7420, 18.1940

Conversions

Conversions Part 2

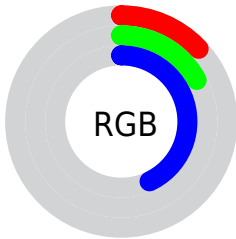
Format	Color
R_{YB}	32, 42, 109
Decimal	2108269
CIE _{Lab}	20.59, 19.32, -39.86
CIE _{LCh}	21, 44.299, 295.862
Yxy	3.1390, 0.1900, 0.1413
Android (android.graphics.Color)	4280298349 (0xFF202B6D)
YUV	47.2350, 30.4501, -13.3611
Hunter-Lab	17.7171, 11.5102, -37.2982

Details

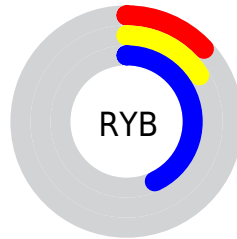
The Hex color **202B6D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6D6220**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5758A1**, and **00003D** is the 20% darker color. If you saturate the color by 10%, you get **15226D**, and if you desaturate by 10%, it is **2B346D**.

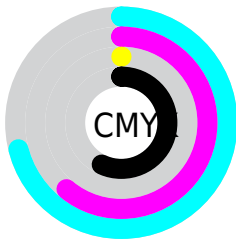
Distribution



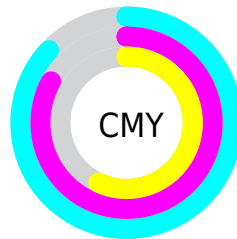
- Red (13%)
- Green (17%)
- Blue (43%)



- Red (13%)
- Yellow (16%)
- Blue (43%)



- Cyan (71%)
- Magenta (61%)
- Yellow (0%)
- Black (57%)



- Cyan (87%)
- Magenta (83%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202B6D 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 202B6D by changing the saturation by 10% instead.

■ 202B6D

■ 202B6D

FFFFFF

■ 001754

■ 5758A1

■ 00003D

■ 7171BD

■ 000326

■ 8C8AD9

■ 00010F

■ A8A4F5

■ 000000

■ C4BFFF

■ E1DBFF

■ FEF8FF

■ 202B6D

■ 202B6D

■ 15226D

■ 2B346D

■ 0A186D

■ 363E6D

■ 00106D

■ 41476D

■ 4C506D

■ 565A6D

■ 61636D

■ 6C6C6D

■ 77766D

■ 827F6D

Harmonies

Analogous

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



003773



202B6D



531757

Triad

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



202B6D



5A1F00



003F2C

Complementary

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



202B6D



6D6220

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.



003D07



202B6D



422F00

Square

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



202B6D



670818



233800



003F4D

Rectangle

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



202B6D



630542



233800



003E20

Sweetspot

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



202B6D



71758F



206D61



363847



C7C7C7



474747

Same Dimension

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



202B6D



15278F



3B206D



303136



001175



0023F5

Inverse Universe

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



6D202B



8F1527



526D20



363031



750011



F50023

Previews

White Background



This preview shows how the Hex color 202B6D looks on a white background.

Color Contrast Check

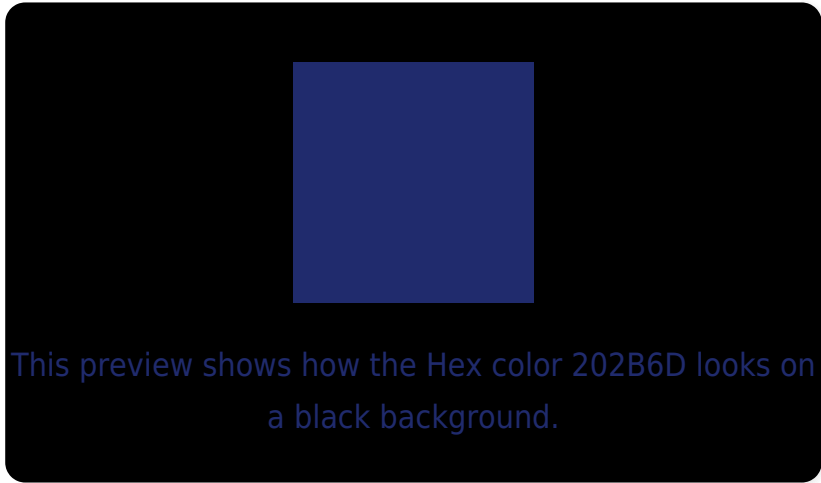
Large Text (above 18pt) WCAG AA ✓ Pass

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

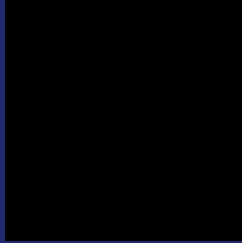
Any Text WCAG AA × Fail

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 202B6D Background



This preview shows how black text looks on a background with the Hex color 202B6D.



This preview shows how white text looks on a background with the Hex color 202B6D.

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
202B6D

Protanopia
003066

Deuteranopia
003358



Tritanopia
00373B

Trichromacy



Original Color
202B6D

Protanomaly
0C2E69

Deuteranomaly
0C3060

Tritanomaly
0C334D

Monochromacy



Original Color
202B6D

Achromatopsia
2F2F2F

Achromatomaly
2A2E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 202B6D 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 #202B6D looks like.

```
.text, #text, p{  
    color:#202B6D  
}
```

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 #202B6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202B6D
}
```

Border

The CSS property to change the border of an element to Hex 202B6D 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
#202B6D }
```

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

```
.border{ border-color:#202B6D }
```

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

Here you see how a box with a 4 pixel #202B6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202B6D; -webkit-box-shadow:4px 4px  
4px 4px #202B6D; box-shadow:4px 4px 4px  
4px #202B6D }
```

Background

The CSS property to change the background color of an element to Hex 202B6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202B6D }
```

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

```
.background{ background-color:#202B6D }
```

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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