

Converting Colors

Hex(202B59)

Have a look what the booklet for
Hex(202B59) contains.

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Color

Hex(202B59)

Conversions

Conversions Part 1

Format	Color
Hex	202B59
RGB	32, 43, 89
RGB Percent	13%, 17%, 35%
CMY	0.8745, 0.8314, 0.6510
CMYK	0.64, 0.52, 0.00, 0.65
HSL	228°, 47%, 24%
HSV	228°, 64%, 35%
XYZ	3.2627, 2.7561, 9.8112
YIQ	44.9550, -21.3220, 11.9740

Conversions

Conversions Part 2

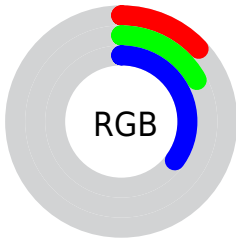
Format	Color
R_{YB}	32, 41, 89
Decimal	2108249
CIE _{Lab}	19.04, 11.47, -29.25
CIE _{LCh}	19, 31.419, 291.406
Yxy	2.7561, 0.2061, 0.1741
Android (android.graphics.Color)	4280298329 (0xFF202B59)
YUV	44.9550, 21.7142, -11.3615
Hunter-Lab	16.6015, 6.0282, -23.4183

Details

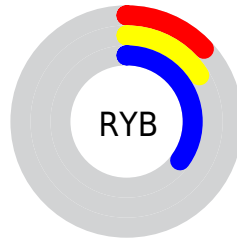
The Hex color **202B59** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **594E20**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **52588B**, and **00002B** is the 20% darker color. If you saturate the color by 10%, you get **172459**, and if you desaturate by 10%, it is **293259**.

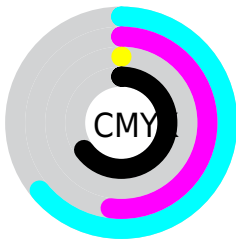
Distribution



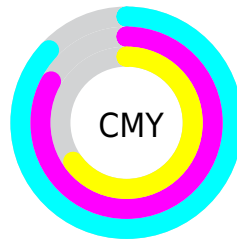
- Red (13%)
- Green (17%)
- Blue (35%)



- Red (13%)
- Yellow (16%)
- Blue (35%)



- Cyan (64%)
- Magenta (52%)
- Yellow (0%)
- Black (65%)



- Cyan (87%)
- Magenta (83%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202B59 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 202B59 by changing the saturation by 10% instead.

■ 202B59

■ 202B59

FFFFFF

■ 021741

■ 52588B

■ 00002B

■ 6C70A6

■ 000115

■ 868AC1

■ 000000

■ A1A4DD

■ BDBFFA

■ D9DBFF

■ F6F7FF

■ 202B59

■ 202B59

■ 172459

■ 293259

■ 0E1D59

■ 323959

■ 051559

■ 3B4159

■ 001159

■ 444859

■ 4D4F59

■ 555659

■ 5E5D59

■ 676459

■ 706C59

Harmonies

Analogous

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



00335C



202B59



43204B

Triad

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



202B59



4E2109



003827

Complementary

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



202B59



594E20

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.



093610



202B59



3F2B00

Square

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



202B59



56181F



2A3200



00393E

Rectangle

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



202B59



501A3D



2A3200



00381F

Sweetspot

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



202B59



5D6173



20594E



2D303B



BABABA



3B3B3B

Same Dimension

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



202B59



1A2B73



312059



27282B



00156B



002DEB

Inverse Universe

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



59202B



731A2B



485920



2B2728



6B0015



EB002D

Previews

White Background



This preview shows how the Hex color 202B59 looks on a white background.

Color Contrast Check

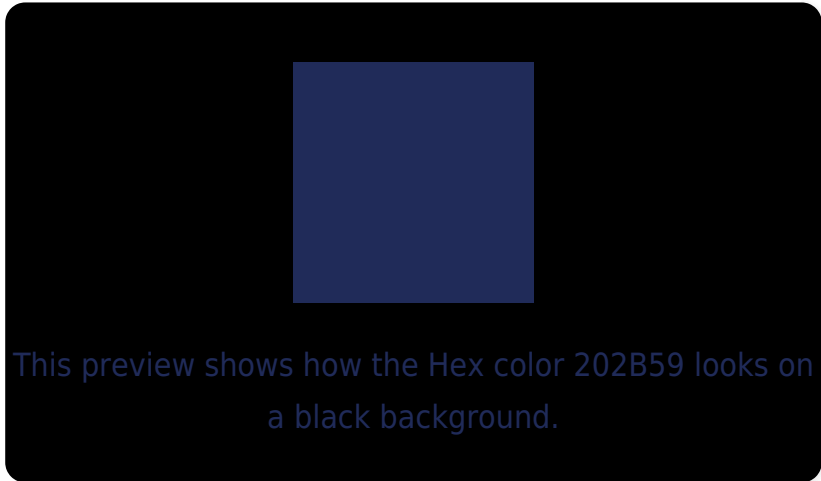
Large Text (above 18pt) WCAG AA ✓ Pass

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

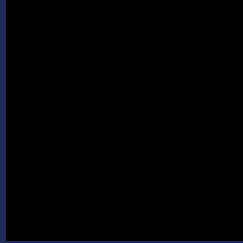
Any Text WCAG AA × Fail

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 202B59 Background



This preview shows how black text looks on a background with the Hex color 202B59.



This preview shows how white text looks on a background with the Hex color 202B59.

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
202B59

Protanopia
122D5B

Deuteranopia
002F53



Tritanopia
0B3337

Trichromacy



Original Color
202B59

Protanomaly
172C5A

Deuteranomaly
0C2E55

Tritanomaly
133043

Monochromacy



Original Color
202B59

Achromatopsia
2D2D2D

Achromatomaly
282C3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 202B59 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 #202B59 looks like.

```
.text, #text, p{  
    color:#202B59  
}
```

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 #202B59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202B59
}
```

Border

The CSS property to change the border of an element to Hex 202B59 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
#202B59 }
```

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

```
.border{ border-color:#202B59 }
```

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

Here you see how a box with a 4 pixel #202B59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202B59; -webkit-box-shadow:4px 4px  
4px 4px #202B59; box-shadow:4px 4px 4px  
4px #202B59 }
```

Background

The CSS property to change the background color of an element to Hex 202B59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202B59 }
```

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

```
.background{ background-color:#202B59 }
```

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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