

Converting Colors

Hex(202749)

Have a look what the booklet for
Hex(202749) contains.

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Color

Hex(202749)

Conversions

Conversions Part 1

Format	Color
Hex	202749
RGB	32, 39, 73
RGB Percent	13%, 15%, 29%
CMY	0.8745, 0.8471, 0.7137
CMYK	0.56, 0.47, 0.00, 0.71
HSL	230°, 39%, 21%
HSV	230°, 56%, 29%
XYZ	2.5238, 2.2392, 6.6025
YIQ	40.7830, -15.0860, 9.0900

Conversions

Conversions Part 2

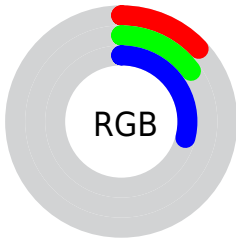
Format	Color
RYB	32, 38, 73
Decimal	2107209
CIELab	16.70, 8.24, -22.20
CIElCh	17, 23.682, 290.360
Yxy	2.2392, 0.2221, 0.1970
Android (android.graphics.Color)	4280297289 (0xFF202749)
YUV	40.7830, 15.8830, -7.7027
Hunter-Lab	14.9638, 3.9190, -15.6860

Details

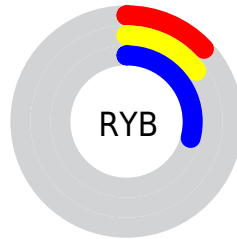
The Hex color **202749** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **494220**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4F547A**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **192149**, and if you desaturate by 10%, it is **272D49**.

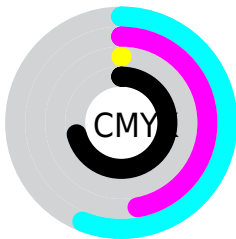
Distribution



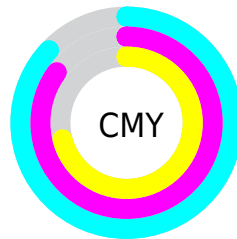
- Red (13%)
- Green (15%)
- Blue (29%)



- Red (13%)
- Yellow (15%)
- Blue (29%)



- Cyan (56%)
- Magenta (47%)
- Yellow (0%)
- Black (71%)



- Cyan (87%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202749 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 202749 by changing the saturation by 10% instead.

■ 202749

■ 202749

FFFFFF

■ 081332

■ 4F547A

■ 00021D

■ 686C94

■ 000000

■ 8285AE

■ 9C9FCA

■ B8BAE6

■ D4D6FF

■ F0F2FF

■ 202749

■ 202749

■ 192149

■ 272D49

■ 111B49

■ 2F3349

■ 0A1549

■ 363949

■ 030F49

■ 3D3F49

■ 000C49

■ 454549

■ 4C4B49

■ 535149

■ 5A5749

■ 625D49

Harmonies

Analogous

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



002D4A



202749



38203F

Triad

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



202749



43200F



003123

Complementary

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



202749



494220

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.



132F13



202749



372602

Square

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



202749



481B1E



282C04



003134

Rectangle

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



202749



421C35



282C04



00311D

Sweetspot

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



202749



4E515E



204941



272830



B0B0B0



303030

Same Dimension

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



202749



1F2A5E



2D2049



202124



001163



0027E3

Inverse Universe

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



492027



5E1F2A



3C4920



242021



630011



E30027

Previews

White Background



This preview shows how the Hex color 202749 looks on a white background.

Color Contrast Check

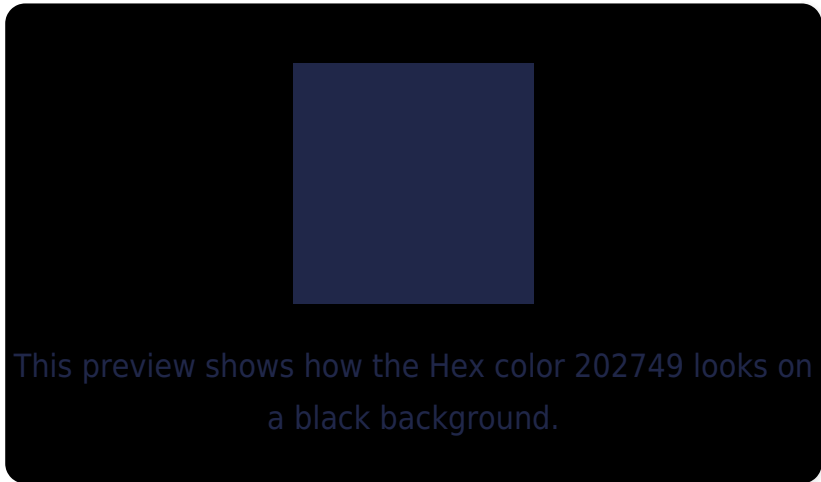
Large Text (above 18pt) WCAG AA ✓ Pass

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 202749 Background



This preview shows how black text looks on a background with the Hex color 202749.



This preview shows how white text looks on a background with the Hex color 202749.

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
202749

Protanopia
19284A

Deuteranopia
0F2A48



Tritanopia
172D30

Trichromacy



Original Color
202749

Protanomaly
1C284A

Deuteranomaly
152948

Tritanomaly
1A2B39

Monochromacy



Original Color
202749

Achromatopsia
292929

Achromatomaly
262835

CSS Examples

Text

The CSS property to change the color of the text to Hex 202749 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 #202749 looks like.

```
.text, #text, p{  
    color:#202749  
}
```

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 #202749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202749
}
```

Border

The CSS property to change the border of an element to Hex 202749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

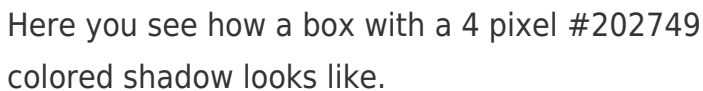
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#202749 }
```

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

```
.border{ border-color:#202749 }
```

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



Here you see how a box with a 4 pixel #202749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202749; -webkit-box-shadow:4px 4px  
4px 4px #202749; box-shadow:4px 4px 4px  
4px #202749 }
```

Background

The CSS property to change the background color of an element to Hex 202749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202749 }
```

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

```
.background{ background-color:#202749 }
```

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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