

Converting Colors

Hex(202867)

Have a look what the booklet for
Hex(202867) contains.

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Color

Hex(202867)

Conversions

Conversions Part 1

Format	Color
Hex	202867
RGB	32, 40, 103
RGB Percent	13%, 16%, 40%
CMY	0.8745, 0.8431, 0.5961
CMYK	0.69, 0.61, 0.00, 0.60
HSL	233°, 53%, 26%
HSV	233°, 69%, 40%
XYZ	3.8026, 2.8039, 13.1728
YIQ	44.7900, -24.9910, 17.8970

Conversions

Conversions Part 2

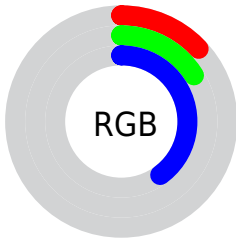
Format	Color
R_{YB}	32, 39, 103
Decimal	2107495
CIE _{Lab}	19.24, 19.11, -38.16
CIE _{LCh}	19, 42.674, 296.601
Yxy	2.8039, 0.1923, 0.1418
Android (android.graphics.Color)	4280297575 (0xFF202867)
YUV	44.7900, 28.6975, -11.2168
Hunter-Lab	16.7449, 11.2322, -34.9202

Details

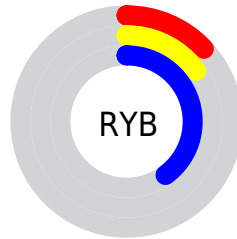
The Hex color **202867** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **675F20**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **56559B**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **161F67**, and if you desaturate by 10%, it is **2A3167**.

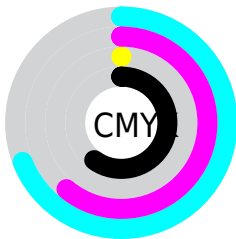
Distribution



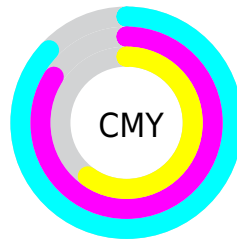
- Red (13%)
- Green (16%)
- Blue (40%)



- Red (13%)
- Yellow (15%)
- Blue (40%)



- Cyan (69%)
- Magenta (61%)
- Yellow (0%)
- Black (60%)



- Cyan (87%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202867 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 202867 by changing the saturation by 10% instead.

■ 202867

■ 202867

FFFFFF

■ 00144E

■ 56559B

■ 000037

■ 706DB6

■ 000221

■ 8B86D2

■ 000006

■ A6A1EE

■ 000000

■ C2BCFF

■ DFD7FF

■ FCF4FF

■ 202867

■ 202867

■ 161F67

■ 2A3167

■ 0B1667

■ 353A67

■ 010D67

■ 3F4367

■ 000C67

■ 494D67

■ 545667

■ 5E5F67

■ 686867

■ 727167

■ 7D7A67

Harmonies

Analogous

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



00346E



202867



4F1551

Triad

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



202867



551E00



003B2A

Complementary

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



202867



675F20

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.



003907



202867



3E2C00

Square

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



202867



620815



203500



003C4A

Rectangle

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



202867



5E043E



203500



003B1F

Sweetspot

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



202867



6B6E87



20675F



343645



C4C4C4



454545

Same Dimension

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



202867



172487



3B2067



2E2E33



000D73



001BF2

Inverse Universe

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



672028



871724



4C6720



332E2E



73000D



F2001B

Previews

White Background



This preview shows how the Hex color 202867 looks on a white background.

Color Contrast Check

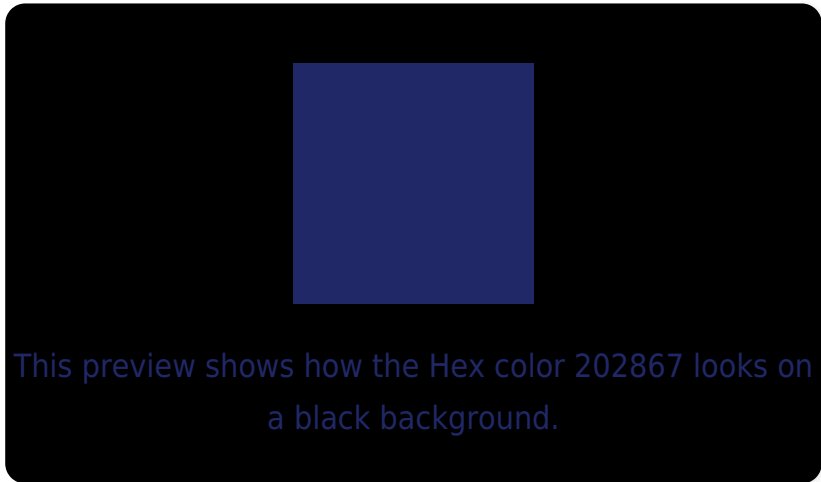
Large Text (above 18pt) WCAG AA ✓ Pass

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

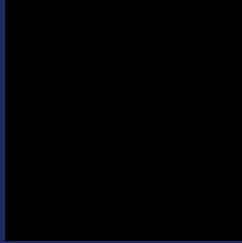
Any Text WCAG AA × Fail

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 202867 Background



This preview shows how black text looks on a background with the Hex color 202867.



This preview shows how white text looks on a background with the Hex color 202867.

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
202867

Protanopia
002D60

Deuteranopia
003052

Trichromacy



Original Color
202867

Protanomaly
0C2B63

Deuteranomaly
0C2D5A

Tritanomaly
0C3049

Monochromacy



Original Color
202867

Achromatopsia
2D2D2D

Achromatomaly
282B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 202867 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 #202867 looks like.

```
.text, #text, p{  
    color:#202867  
}
```

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 #202867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202867
}
```

Border

The CSS property to change the border of an element to Hex 202867 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
#202867 }
```

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

```
.border{ border-color:#202867 }
```

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

Here you see how a box with a 4 pixel #202867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202867; -webkit-box-shadow:4px 4px  
4px 4px #202867; box-shadow:4px 4px 4px  
4px #202867 }
```

Background

The CSS property to change the background color of an element to Hex 202867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202867 }
```

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

```
.background{ background-color:#202867 }
```

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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