

Converting Colors

Hex(192667)

Have a look what the booklet for
Hex(192667) contains.

Hex(192667)	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(192667)

Conversions

Conversions Part 1

Format	Color
Hex	192667
RGB	25, 38, 103
RGB Percent	10%, 15%, 40%
CMY	0.9020, 0.8510, 0.5961
CMYK	0.76, 0.63, 0.00, 0.60
HSL	230°, 61%, 25%
HSV	230°, 76%, 40%
XYZ	3.5422, 2.5722, 13.1417
YIQ	41.5230, -28.6130, 17.4590

Conversions

Conversions Part 2

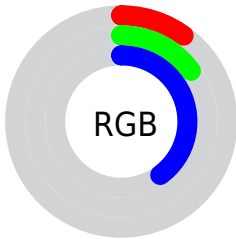
Format	Color
R_{YB}	25, 36, 103
Decimal	1648231
CIE _{Lab}	18.24, 19.42, -39.80
CIE _{LCh}	18, 44.285, 296.006
Yxy	2.5722, 0.1840, 0.1336
Android (android.graphics.Color)	4279838311 (0xFF192667)
YUV	41.5230, 30.3082, -14.4907
Hunter-Lab	16.0380, 11.3575, -37.3564

Details

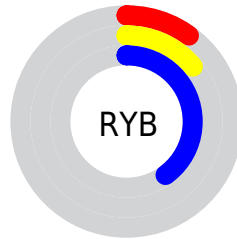
The Hex color **192667** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **675A19**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **51539B**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **0F1D67**, and if you desaturate by 10%, it is **232F67**.

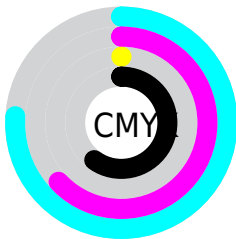
Distribution



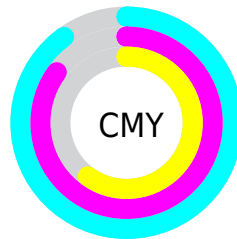
- Red (10%)
- Green (15%)
- Blue (40%)



- Red (10%)
- Yellow (14%)
- Blue (40%)



- Cyan (76%)
- Magenta (63%)
- Yellow (0%)
- Black (60%)



- Cyan (90%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 192667 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 192667 by changing the saturation by 10% instead.

■ 192667

■ 192667

FFFFFF

■ 00124E

■ 51539B

■ 000037

■ 6B6BB6

■ 000221

■ 8684D2

■ 000006

■ A29EEE

■ 000000

■ BEB9FF

■ DAD5FF

■ F8F1FF

■ 192667

■ 192667

■ 0F1D67

■ 232F67

■ 041567

■ 2E3767

■ 001167

■ 384067

■ 424867

■ 4D5167

■ 575A67

■ 616267

■ 6B6B67

■ 767367

Harmonies

Analogous

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



00326D



192667



4D1151

Triad

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



192667



531A00



003927

Complementary

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



192667



675A19

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.



003701



192667



3C2A00

Square

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



192667



610013



1D3300



003A48

Rectangle

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



192667



5C003D



1D3300



00391C

Sweetspot

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



192667



686D87



19675A



323545



C4C4C4



454545

Same Dimension

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



192667



0C2187



331967



2E2F33



001373



0028F2

Inverse Universe

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



671926



870C21



4D6719



332E2F



730013



F20028

Previews

White Background



This preview shows how the Hex color 192667 looks on a white background.

Color Contrast Check

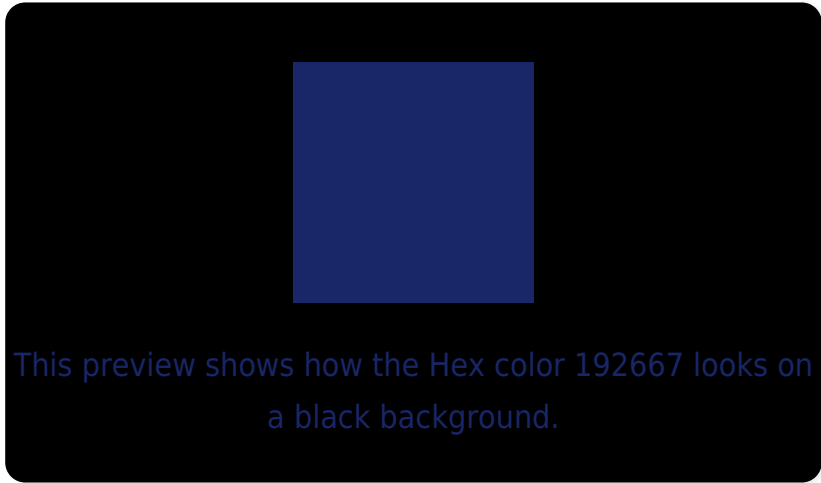
Large Text (above 18pt) WCAG AA ✓ Pass

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

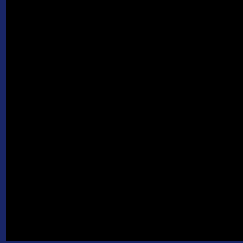
Any Text WCAG AA × Fail

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 192667 Background



This preview shows how black text looks on a background with the Hex color 192667.



This preview shows how white text looks on a background with the Hex color 192667.

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
192667

Protanopia
002B5C

Deuteranopia
002E4F

Trichromacy



Original Color
192667

Protanomaly
092960

Deuteranomaly
092B58

Tritanomaly
092E47

Monochromacy



Original Color
192667

Achromatopsia
2A2A2A

Achromatomaly
242940

CSS Examples

Text

The CSS property to change the color of the text to Hex 192667 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 #192667 looks like.

```
.text, #text, p{  
    color:#192667  
}
```

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 #192667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #192667
}
```

Border

The CSS property to change the border of an element to Hex 192667 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
#192667 }
```

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

```
.border{ border-color:#192667 }
```

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

Here you see how a box with a 4 pixel #192667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #192667; -webkit-box-shadow:4px 4px  
4px 4px #192667; box-shadow:4px 4px 4px  
4px #192667 }
```

Background

The CSS property to change the background color of an element to Hex 192667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#192667 }
```

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

```
.background{ background-color:#192667 }
```

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