

Converting Colors

Hex(192F68)

Have a look what the booklet for
Hex(192F68) contains.

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Color

Hex(192F68)

Conversions

Conversions Part 1

Format	Color
Hex	192F68
RGB	25, 47, 104
RGB Percent	10%, 18%, 41%
CMY	0.9020, 0.8157, 0.5922
CMYK	0.76, 0.55, 0.00, 0.59
HSL	223°, 61%, 25%
HSV	223°, 76%, 41%
XYZ	3.9161, 3.2392, 13.5155
YIQ	46.9200, -31.4090, 13.0630

Conversions

Conversions Part 2

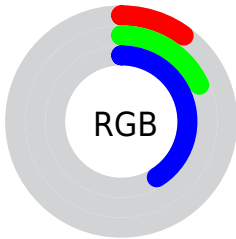
Format	Color
R _Y B	25, 42, 104
Decimal	1650536
CIE Lab	20.98, 13.31, -36.01
CIE LCh	21, 38.393, 290.281
Yxy	3.2392, 0.1895, 0.1567
Android (android.graphics.Color)	4279840616 (0xFF192F68)
YUV	46.9200, 28.1404, -19.2238
Hunter-Lab	17.9977, 7.3437, -31.9259

Details

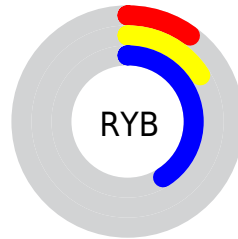
The Hex color **192F68** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **685219**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **515C9C**, and **000038** is the 20% darker color. If you saturate the color by 10%, you get **0F2768**, and if you desaturate by 10%, it is **233768**.

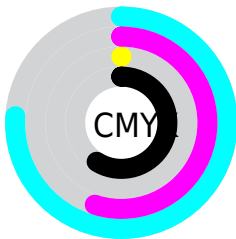
Distribution



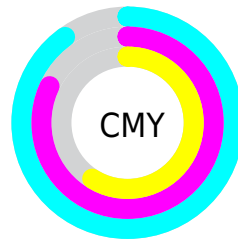
- Red (10%)
- Green (18%)
- Blue (41%)



- Red (10%)
- Yellow (16%)
- Blue (41%)



- Cyan (76%)
- Magenta (55%)
- Yellow (0%)
- Black (59%)



- Cyan (90%)
- Magenta (82%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 192F68 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 192F68 by changing the saturation by 10% instead.

■ 192F68

■ 192F68

FFFFFF

■ 001B50

■ 515C9C

■ 000038

■ 6B75B7

■ 000222

■ 868ED3

■ 000008

■ A1A9EF

■ 000000

■ BDC4FF

■ DAE0FF

■ F7FDFF

■ 192F68

■ 192F68

■ 0F2768

■ 233768

■ 042068

■ 2E3E68

■ 001D68

■ 384668

■ 434D68

■ 4D5568

■ 575C68

■ 626468

■ 6C6B68

■ 777368

Harmonies

Analogous

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



00396B



192F68



4B2157

Triad

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



192F68



5A2103



003E28

Complementary

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



192F68



685219

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.



003C0A



192F68



472E00

Square

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



192F68



631321



2E3700



003F45

Rectangle

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



192F68



5B1646



2E3700



003E1E

Sweetspot

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



192F68



687187



196852



323745



C4C4C4



454545

Same Dimension

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



192F68



0C2E87



2A1968



2E2F33



002073



0043F2

Inverse Universe

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



68192F



870C2E



576819



332E2F



730020



F20043

Previews

White Background



This preview shows how the Hex color 192F68 looks on a white background.

Color Contrast Check

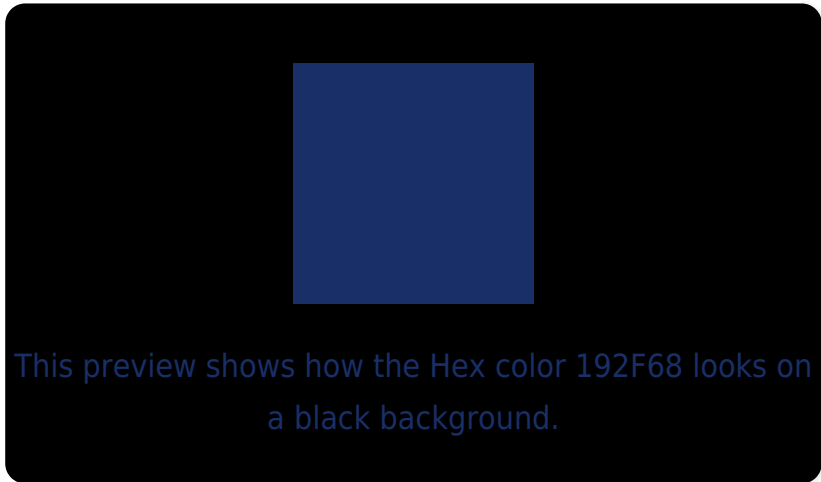
Large Text (above 18pt) WCAG AA ✓ Pass

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

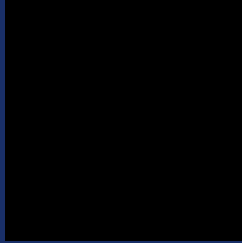
Any Text WCAG AA × Fail

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 192F68 Background



This preview shows how black text looks on a background with the Hex color 192F68.



This preview shows how white text looks on a background with the Hex color 192F68.

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
192F68

Protanopia
003168

Deuteranopia
00345A

Trichromacy



Original Color
192F68

Protanomaly
093068

Deuteranomaly
09325F

Tritanomaly
09354C

Monochromacy



Original Color
192F68

Achromatopsia
2F2F2F

Achromatomaly
272F44

CSS Examples

Text

The CSS property to change the color of the text to Hex 192F68 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 #192F68 looks like.

```
.text, #text, p{  
    color:#192F68  
}
```

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 #192F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #192F68
}
```

Border

The CSS property to change the border of an element to Hex 192F68 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
#192F68 }
```

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

```
.border{ border-color:#192F68 }
```

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

Here you see how a box with a 4 pixel #192F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #192F68; -webkit-box-shadow:4px 4px  
4px 4px #192F68; box-shadow:4px 4px 4px  
4px #192F68 }
```

Background

The CSS property to change the background color of an element to Hex 192F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#192F68 }
```

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

```
.background{ background-color:#192F68 }
```

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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