

Converting Colors

Hex(192F4B)

Have a look what the booklet for
Hex(192F4B) contains.

Hex(192F4B)	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(192F4B)

Conversions

Conversions Part 1

Format	Color
Hex	192F4B
RGB	25, 47, 75
RGB Percent	10%, 18%, 29%
CMY	0.9020, 0.8157, 0.7059
CMYK	0.67, 0.37, 0.00, 0.71
HSL	214°, 50%, 20%
HSV	214°, 67%, 29%
XYZ	2.6874, 2.7477, 7.0453
YIQ	43.6140, -22.1000, 4.0440

Conversions

Conversions Part 2

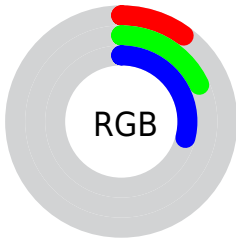
Format	Color
R_{YB}	25, 40, 75
Decimal	1650507
CIE _{Lab}	19.00, 1.45, -19.94
CIE _{LCh}	19, 19.994, 274.147
Yxy	2.7477, 0.2153, 0.2202
Android (android.graphics.Color)	4279840587 (0xFF192F4B)
YUV	43.6140, 15.4733, -16.3245
Hunter-Lab	16.5762, -0.0690, -13.5965

Details

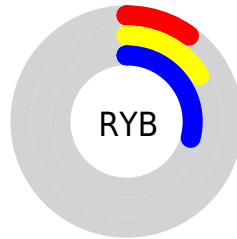
The Hex color **192F4B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4B3519**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4A5D7C**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **112B4B**, and if you desaturate by 10%, it is **20334B**.

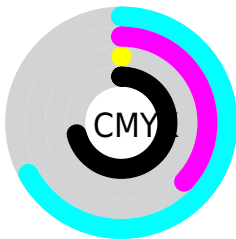
Distribution



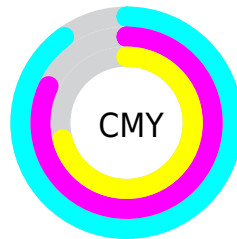
- Red (10%)
- Green (18%)
- Blue (29%)



- Red (10%)
- Yellow (16%)
- Blue (29%)



- Cyan (67%)
- Magenta (37%)
- Yellow (0%)
- Black (71%)



- Cyan (90%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 192F4B 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 192F4B by changing the saturation by 10% instead.

■ 192F4B

■ 192F4B

FFFFFF

■ 001A34

■ 4A5D7C

■ 00021F

■ 637596

■ 000002

■ 7C8FB1

■ 000000

■ 97A9CC

■ B2C4E8

■ CEE0FF

■ EAFDFF

■ 192F4B

■ 192F4B

■ 112B4B

■ 20334B

■ 0A274B

■ 28374B

■ 02224B

■ 303C4B

■ 00214B

■ 37404B

■ 3F444B

■ 46484B

■ 4E4C4B

■ 55514B

■ 5D554B

Harmonies

Analogous

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



003348



192F4B



322A46

Triad

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



192F4B



48241F



123521

Complementary

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



192F4B



4B3519

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.



263215



192F4B



412914

Square

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



192F4B



49222D



352E10



003630

Rectangle

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



192F4B



3D263F



352E10



1A341D

Sweetspot

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



192F4B



4E5661



194B34



252A30



B0B0B0



303030

Same Dimension

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



192F4B



133561



1C194B



222426



002D66



0065E6

Inverse Universe

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



4B192F



611335



494B19



262224



66002D



E60065

Previews

White Background



This preview shows how the Hex color 192F4B looks on a white background.

Color Contrast Check

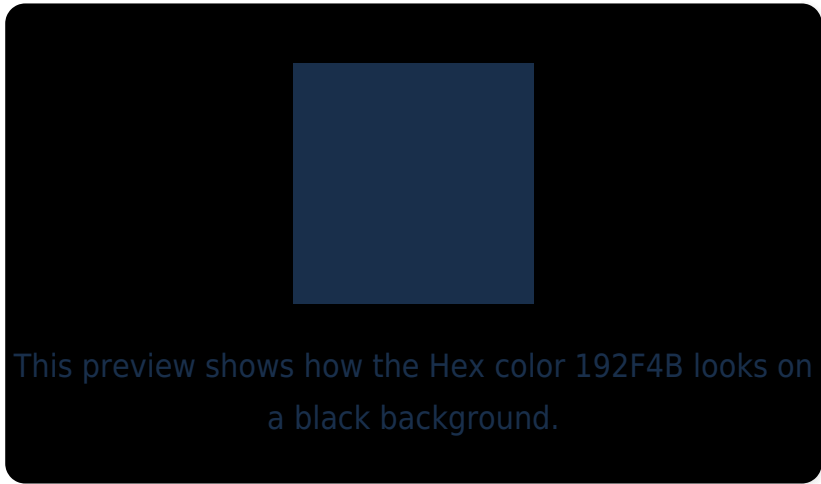
Large Text (above 18pt) WCAG AA ✓ Pass

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 192F4B Background



This preview shows how black text looks on a background with the Hex color 192F4B.



This preview shows how white text looks on a background with the Hex color 192F4B.

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
192F4B

Protanopia
232D49

Deuteranopia
1D2E4B



Tritanopia
0C3337

Trichromacy



Original Color
192F4B

Protanomaly
1F2E4A

Deuteranomaly
1C2E4B

Tritanomaly
11323E

Monochromacy



Original Color
192F4B

Achromatopsia
2C2C2C

Achromatomaly
252D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 192F4B 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 #192F4B looks like.

```
.text, #text, p{  
    color:#192F4B  
}
```

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 #192F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #192F4B
}
```

Border

The CSS property to change the border of an element to Hex 192F4B 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
#192F4B }
```

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

```
.border{ border-color:#192F4B }
```

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

Here you see how a box with a 4 pixel #192F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #192F4B; -webkit-box-shadow:4px 4px  
4px 4px #192F4B; box-shadow:4px 4px 4px  
4px #192F4B }
```

Background

The CSS property to change the background color of an element to Hex 192F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#192F4B }
```

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

```
.background{ background-color:#192F4B }
```

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