

Converting Colors

Hex(192F13)

Have a look what the booklet for
Hex(192F13) contains.

Hex(192F13)	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(192F13)

Conversions

Conversions Part 1

Format	Color
Hex	192F13
RGB	25, 47, 19
RGB Percent	10%, 18%, 7%
CMY	0.9020, 0.8157, 0.9255
CMYK	0.47, 0.00, 0.60, 0.82
HSL	107°, 42%, 13%
HSV	107°, 60%, 18%
XYZ	1.5350, 2.2867, 0.9766
YIQ	37.2300, -4.1240, -13.3720

Conversions

Conversions Part 2

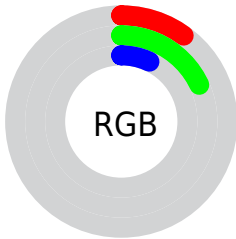
Format	Color
R_{YB}	19, 47, 41
Decimal	1650451
CIE _{Lab}	16.93, -15.54, 15.21
CIE _{LCh}	17, 21.744, 135.600
Yxy	2.2867, 0.3199, 0.4766
Android (android.graphics.Color)	4279840531 (0xFF192F13)
YUV	37.2300, -8.9874, -10.7257
Hunter-Lab	15.1219, -8.3446, 6.7564

Details

The Hex color **192F13** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29132F**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **465D3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **152F0E**, and if you desaturate by 10%, it is **1D2F18**.

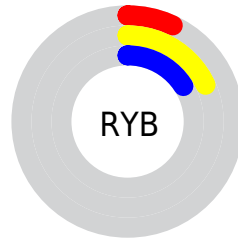
Distribution



Red (10%)

Green (18%)

Blue (7%)



Red (7%)

Yellow (18%)

Blue (16%)

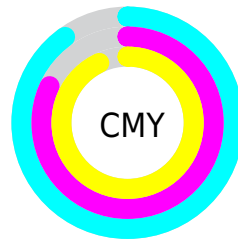


Cyan (47%)

Magenta (0%)

Yellow (60%)

Black (82%)



Cyan (90%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 192F13 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 192F13 by changing the saturation by 10% instead.


 192F13

 192F13

 FFFFF5

 001B00

 465D3E

 000000

 5E7655

 77906E

 91AA87

 ABC5A1

 C7E1BC

 E3FED8

 192F13

 192F13

■ 152F0E

■ 1D2F18

■ 122F0A

■ 202F1C

■ 0E2F05

■ 242F21

■ 0A2F00

■ 282F26

■ 2B2F2B

■ 2F2F2F

■ 332F34

■ 372F39

■ 3A2F3D

Harmonies

Analogous

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



2B2B08



192F13



003121

Triad

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



192F13



002E48



471C22

Complementary

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



192F13



29132F

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.



421D32



192F13



1D2948

Square

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



192F13



003040



352240



432014

Rectangle

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



192F13



00312C



352240



461C27

Sweetspot

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



192F13



353D32



2F2913



191F18



9E9E9E



1F1F1F

Same Dimension

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



192F13



1B3D12



132F1B



151715



135700



2ED600

Inverse Universe

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



29132F



34123D



2F1327



161517



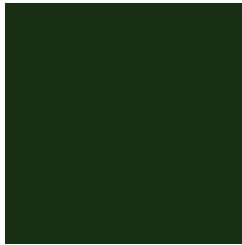
440057



A800D6

Previews

White Background



This preview shows how the Hex color 192F13 looks on a white background.

Color Contrast Check

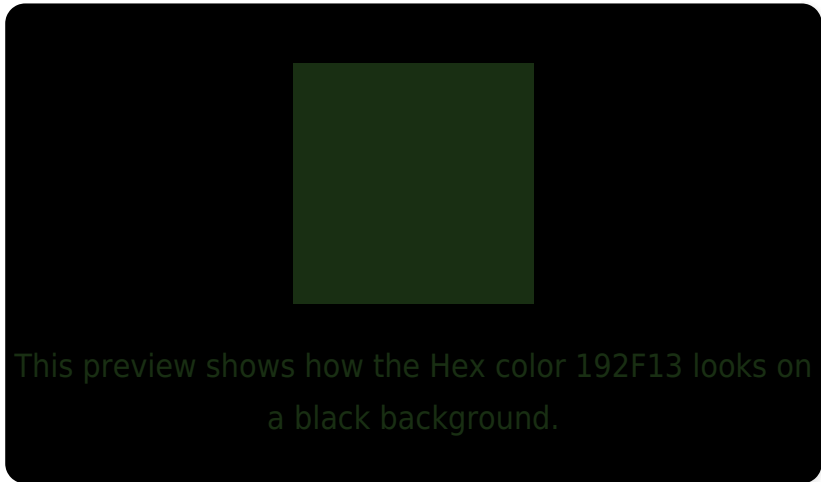
Large Text (above 18pt) WCAG AA ✓ Pass

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

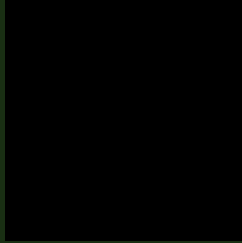
Any Text WCAG AA × Fail

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 192F13 Background



This preview shows how black text looks on a background with the Hex color 192F13.



This preview shows how white text looks on a background with the Hex color 192F13.

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
192F13

Protanopia
2E2A11

Deuteranopia
332815



Tritanopia
1E2C30

Trichromacy



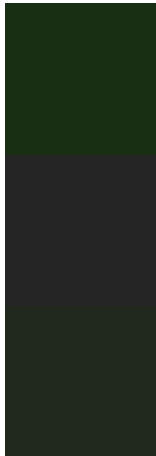
Original Color
192F13

Protanomaly
262C12

Deuteranomaly
2A2B14

Tritanomaly
1C2D25

Monochromacy



Original Color
192F13

Achromatopsia
252525

Achromatomaly
21291E

CSS Examples

Text

The CSS property to change the color of the text to Hex 192F13 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 #192F13 looks like.

```
.text, #text, p{  
    color:#192F13  
}
```

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 #192F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #192F13  
}
```

Border

The CSS property to change the border of an element to Hex 192F13 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".

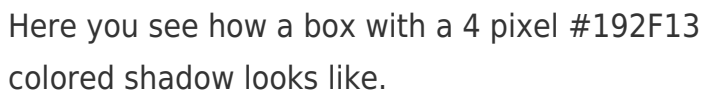
```
.border, #border, table{ border:4px solid  
#192F13 }
```

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

```
.border{ border-color:#192F13 }
```

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

Here you see how a box with a 4 pixel #192F13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #192F13; -webkit-box-shadow:4px 4px  
4px 4px #192F13; box-shadow:4px 4px 4px  
4px #192F13 }
```

Background

The CSS property to change the background color of an element to Hex 192F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#192F13 }
```

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

```
.background{ background-color:#192F13 }
```

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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