

Converting Colors

Hex(194033)

Have a look what the booklet for
Hex(194033) contains.

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Color

Hex(194033)

Conversions

Conversions Part 1

Format	Color
Hex	194033
RGB	25, 64, 51
RGB Percent	10%, 25%, 20%
CMY	0.9020, 0.7490, 0.8000
CMYK	0.61, 0.00, 0.20, 0.75
HSL	160°, 44%, 17%
HSV	160°, 61%, 25%
XYZ	2.8318, 4.1125, 3.7765
YIQ	50.8570, -19.0710, -12.3110

Conversions

Conversions Part 2

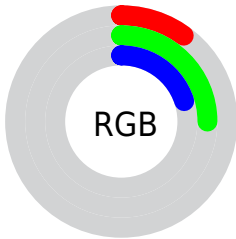
Format	Color
R_{YB}	25, 48, 64
Decimal	1654835
CIE Lab	24.04, -17.58, 3.81
CIE LCh	24, 17.988, 167.771
Yxy	4.1125, 0.2641, 0.3836
Android (android.graphics.Color)	4279844915 (0xFF194033)
YUV	50.8570, 0.0705, -22.6766
Hunter-Lab	20.2793, -10.5626, 3.1542




Details

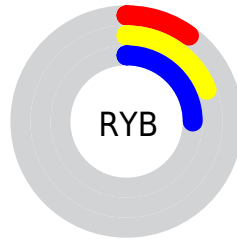
The Hex color **194033** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **401926**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **487061**, and **001705** is the 20% darker color. If you saturate the color by 10%, you get **134031**, and if you desaturate by 10%, it is **1F4035**.

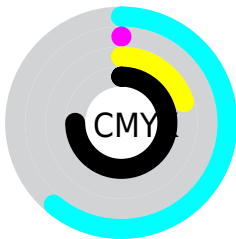
Distribution







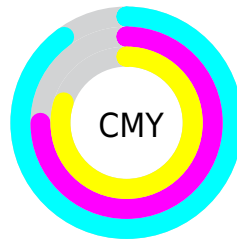
-  Red (10%)
-  Green (25%)
-  Blue (20%)






-  Red (10%)
-  Yellow (19%)
-  Blue (25%)



-  Cyan (61%)
-  Magenta (0%)
-  Yellow (20%)
-  Black (75%)



-  Cyan (90%)
-  Magenta (75%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194033 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 194033 by changing the saturation by 10% instead.

 194033

 194033

FFFFFF

 012A1E

 487061

 001705

 618A7A

 000000

 7AA494

 95BFAE

 B0DBCA

 CBF8E6

 E8FFFF

 194033

 194033

■ 134031

■ 1F4035

■ 0C402F

■ 264037

■ 06402D

■ 2C4039

■ 00402B

■ 33403C

■ 39403E

■ 3F4040

■ 464042

■ 4C4044

■ 534046

Harmonies

Analogous

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



2B3E27



194033



044041

Triad

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



194033



333853



503226

Complementary

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



194033



401926

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.



542F32



194033



45334B

Square

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



194033



1B3C53



502F3F



47361F

Rectangle

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



194033



004049



502F3F



523129

Sweetspot

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



194033



45544F



264019



222B28



ABABAB



2B2B2B

Same Dimension

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



194033



175440



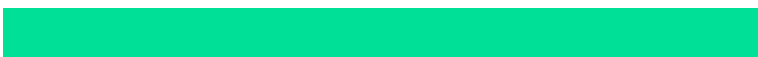
193940



1E2120



006141



00E096

Inverse Universe

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



401926



54172B



402019



211E1F



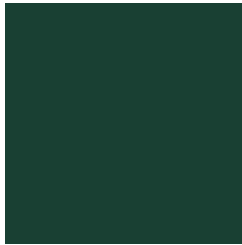
610020



E0004B

Previews

White Background



This preview shows how the Hex color 194033 looks on a white background.

Color Contrast Check

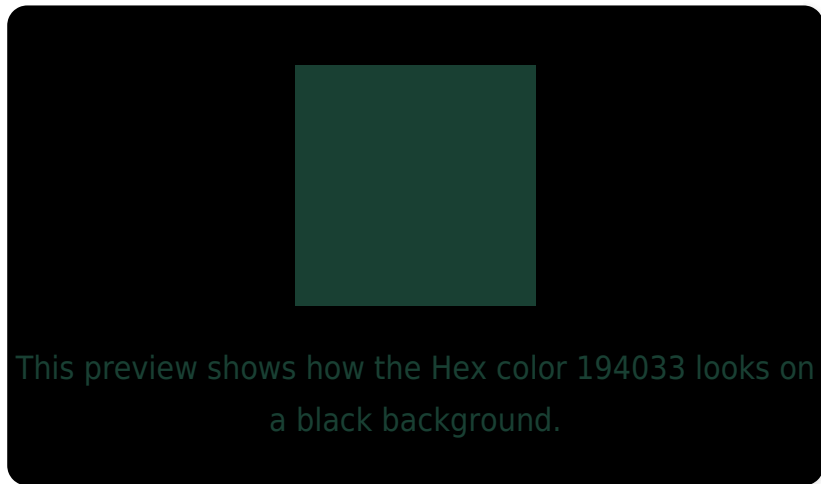
Large Text (above 18pt) WCAG AA ✓ Pass

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

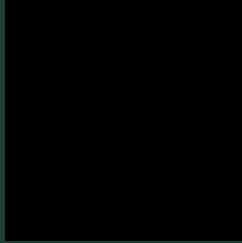
Any Text WCAG AA × Fail

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 194033 Background



This preview shows how black text looks on a background with the Hex color 194033.



This preview shows how white text looks on a background with the Hex color 194033.

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](#).

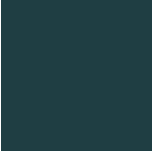
Dichromacy



Original Color
194033

Protanopia
3C392F

Deuteranopia
403735



Tritanopia
1F3E43

Trichromacy



Original Color

194033

Protanomaly

2F3C30

Deuteranomaly

323A34

Tritanomaly

1D3F3D

Monochromacy



Original Color

194033

Achromatopsia

333333

Achromatomaly

2A3833

CSS Examples

Text

The CSS property to change the color of the text to Hex 194033 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 #194033 looks like.

```
.text, #text, p{  
    color:#194033  
}
```

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 #194033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194033
}
```

Border

The CSS property to change the border of an element to Hex 194033 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
#194033 }
```

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

```
.border{ border-color:#194033 }
```

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

Here you see how a box with a 4 pixel #194033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194033; -webkit-box-shadow:4px 4px  
4px 4px #194033; box-shadow:4px 4px 4px  
4px #194033 }
```

Background

The CSS property to change the background color of an element to Hex 194033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194033 }
```

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

```
.background{ background-color:#194033 }
```

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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