

Converting Colors

Hex(195F24)

Have a look what the booklet for
Hex(195F24) contains.

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Color

Hex(195F24)

Conversions

Conversions Part 1

Format	Color
Hex	195F24
RGB	25, 95, 36
RGB Percent	10%, 37%, 14%
CMY	0.9020, 0.6275, 0.8588
CMYK	0.74, 0.00, 0.62, 0.63
HSL	129°, 58%, 24%
HSV	129°, 74%, 37%
XYZ	4.8115, 8.5185, 3.0597
YIQ	67.3440, -22.7810, -33.1890

Conversions

Conversions Part 2

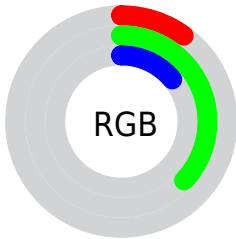
Format	Color
RYB	25, 85, 95
Decimal	1662756
CIELab	35.04, -35.04, 27.20
CIELCh	35, 44.353, 142.182
Yxy	8.5185, 0.2936, 0.5197
Android (android.graphics.Color)	4279852836 (0xFF195F24)
YUV	67.3440, -15.4526, -37.1357
Hunter-Lab	29.1864, -21.6495, 14.2149

Details

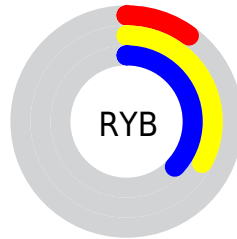
The Hex color **195F24** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5F1954**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **509253**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **0F5F1C**, and if you desaturate by 10%, it is **225F2C**.

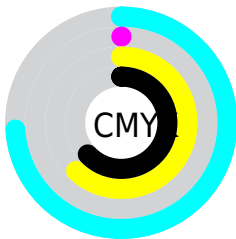
Distribution



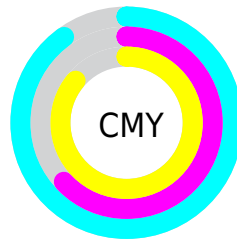
- Red (10%)
- Green (37%)
- Blue (14%)



- Red (10%)
- Yellow (33%)
- Blue (37%)



- Cyan (74%)
- Magenta (0%)
- Yellow (62%)
- Black (63%)



- Cyan (90%)
- Magenta (63%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195F24 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 195F24 by changing the saturation by 10% instead.

 195F24

 195F24

FFFFFF

 00470D

 509253

 002F00

 6AAD6C

 001A00

 85C985

 000000

 A0E5A0

 BCFFBB

 D8FFD7

 F5FFF3

 195F24

 195F24

■ 0F5F1C

■ 225F2C

■ 065F14

■ 2C5F34

■ 005F0F

■ 365F3C

■ 3F5F44

■ 495F4C

■ 525F54

■ 5C5F5C

■ 655F64

■ 6E5F6C

Harmonies

Analogous

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



4A5803



195F24



006248

Triad

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



195F24



005999



91313A

Complementary

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



195F24



5F1954

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.



8D305D



195F24



3F4D94

Square

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



195F24



00608A



743D7E



843F1A

Rectangle

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



195F24



006360



743D7E



922F45

Sweetspot

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



195F24



5F7A64



555F19



2D3D30



BDBDBD



3D3D3D

Same Dimension

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



195F24



0F7A20



195F46



2C302C



007012



00F026

Inverse Universe

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



5F1954



7A0F69



5F1931



302C30



70005F



F000CA

Previews

White Background



This preview shows how the Hex color 195F24 looks on a white background.

Color Contrast Check

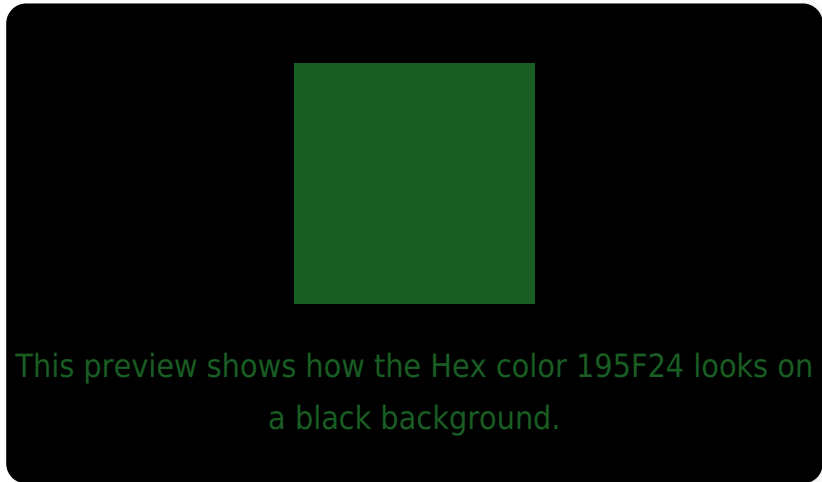
Large Text (above 18pt) WCAG AA ✓ Pass

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

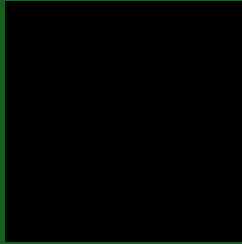
Any Text WCAG AA × Fail

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 195F24 Background



This preview shows how black text looks on a background with the Hex color 195F24.



This preview shows how white text looks on a background with the Hex color 195F24.

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](#).

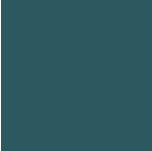
Dichromacy



Original Color
195F24

Protanopia
5C5220

Deuteranopia
654E29



Tritanopia
2C5960

Trichromacy



Original Color
195F24

Protanomaly
445721

Deuteranomaly
495427

Tritanomaly
255B4A

Monochromacy



Original Color
195F24

Achromatopsia
434343

Achromatomaly
344D38

CSS Examples

Text

The CSS property to change the color of the text to Hex 195F24 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 #195F24 looks like.

```
.text, #text, p{  
    color:#195F24  
}
```

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 #195F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195F24
}
```

Border

The CSS property to change the border of an element to Hex 195F24 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".

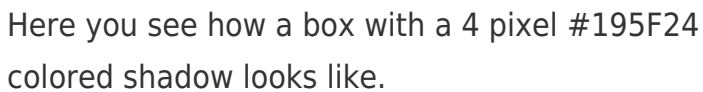
```
.border, #border, table{ border:4px solid
#195F24 }
```

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

```
.border{ border-color:#195F24 }
```

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

Here you see how a box with a 4 pixel #195F24 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195F24; -webkit-box-shadow:4px 4px  
4px 4px #195F24; box-shadow:4px 4px 4px  
4px #195F24 }
```

Background

The CSS property to change the background color of an element to Hex 195F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195F24 }
```

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

```
.background{ background-color:#195F24 }
```

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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