

Converting Colors

Hex(195F4D)

Have a look what the booklet for
Hex(195F4D) contains.

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Color

Hex(195F4D)

Conversions

Conversions Part 1

Format	Color
Hex	195F4D
RGB	25, 95, 77
RGB Percent	10%, 37%, 30%
CMY	0.9020, 0.6275, 0.6980
CMYK	0.74, 0.00, 0.19, 0.63
HSL	165°, 58%, 24%
HSV	165°, 74%, 37%
XYZ	5.8327, 8.9269, 8.4368
YIQ	72.0180, -35.9420, -20.4380

Conversions

Conversions Part 2

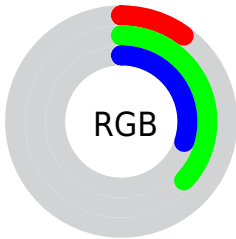
Format	Color
R_{YB}	25, 65, 95
Decimal	1662797
CIE Lab	35.84, -26.24, 4.12
CIE LCh	36, 26.566, 171.078
Yxy	8.9269, 0.2514, 0.3848
Android (android.graphics.Color)	4279852877 (0xFF195F4D)
YUV	72.0180, 2.4561, -41.2348
Hunter-Lab	29.8779, -17.4402, 4.1724

Details

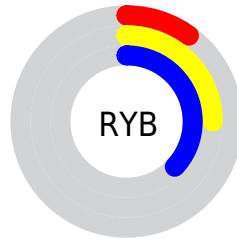
The Hex color **195F4D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5F192B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **50927E**, and **003021** is the 20% darker color. If you saturate the color by 10%, you get **0F5F4B**, and if you desaturate by 10%, it is **225F4F**.

Distribution



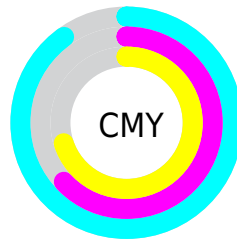
- Red (10%)
- Green (37%)
- Blue (30%)



- Red (10%)
- Yellow (25%)
- Blue (37%)



- Cyan (74%)
- Magenta (0%)
- Yellow (19%)
- Black (63%)



- Cyan (90%)
- Magenta (63%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195F4D 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 195F4D by changing the saturation by 10% instead.



195F4D



195F4D

FFFFFF



004736



50927E



003021



6AAD98



001D0A



84C8B2



000000



A0E5CE



BCFEEA



D8FFFF



F5FFFF



195F4D



195F4D

■ 0F5F4B

■ 225F4F

■ 065F48

■ 2C5F52

■ 005F47

■ 365F54

■ 3F5F57

■ 495F59

■ 525F5C

■ 5C5F5E

■ 655F61

■ 6E5F63

Harmonies

Analogous

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



3A5C39



195F4D



005F63

Triad

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



195F4D



4D517C



764934

Complementary

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



195F4D



5F192B

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.



7D4446



195F4D



69496F

Square

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



195F4D



24587E



79445C



67512A

Rectangle

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



195F4D



005E70



79445C



7A4739

Sweetspot

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



195F4D



5F7A73



2C5F19



2D3D39



BDBDBD



3D3D3D

Same Dimension

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



195F4D



0F7A5F



194F5F



2C302F



007053



00F0B2

Inverse Universe

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



5F192B



7A0F2A



5F2919



302C2D



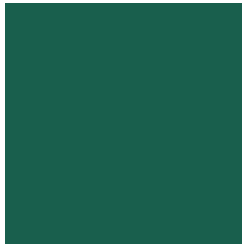
70001D



F0003E

Previews

White Background



This preview shows how the Hex color 195F4D looks on a white background.

Color Contrast Check

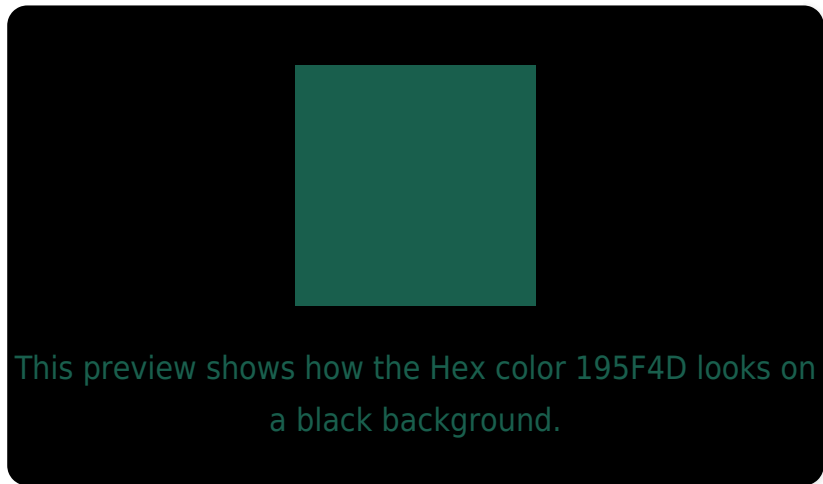
Large Text (above 18pt) WCAG AA ✓ Pass

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

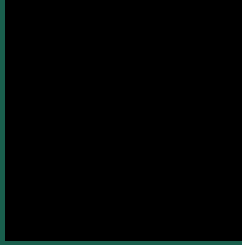
Any Text WCAG AA × Fail

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 195F4D Background



This preview shows how black text looks on a background with the Hex color 195F4D.



This preview shows how white text looks on a background with the Hex color 195F4D.

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
195F4D

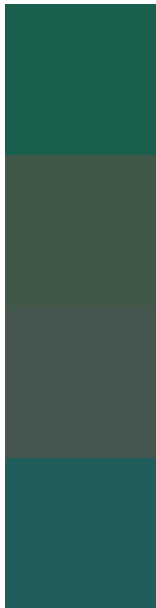
Protanopia
585447

Deuteranopia
5E5150



Tritanopia
255C63

Trichromacy



Original Color
195F4D

Protanomaly
415849

Deuteranomaly
45564F

Tritanomaly
215D5B

Monochromacy



Original Color
195F4D

Achromatopsia
484848

Achromatomaly
37504A

CSS Examples

Text

The CSS property to change the color of the text to Hex 195F4D 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 #195F4D looks like.

```
.text, #text, p{  
    color:#195F4D  
}
```

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 #195F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195F4D
}
```

Border

The CSS property to change the border of an element to Hex 195F4D 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
#195F4D }
```

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

```
.border{ border-color:#195F4D }
```

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

Here you see how a box with a 4 pixel #195F4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195F4D; -webkit-box-shadow:4px 4px  
4px 4px #195F4D; box-shadow:4px 4px 4px  
4px #195F4D }
```

Background

The CSS property to change the background color of an element to Hex 195F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195F4D }
```

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

```
.background{ background-color:#195F4D }
```

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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