

Converting Colors

Hex(195425)

Have a look what the booklet for
Hex(195425) contains.

Hex(195425)	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(195425)

Conversions

Conversions Part 1

Format	Color
Hex	195425
RGB	25, 84, 37
RGB Percent	10%, 33%, 15%
CMY	0.9020, 0.6706, 0.8549
CMYK	0.70, 0.00, 0.56, 0.67
HSL	132°, 54%, 21%
HSV	132°, 70%, 33%
XYZ	3.9052, 6.6809, 2.8340
YIQ	61.0010, -20.0770, -27.1250

Conversions

Conversions Part 2

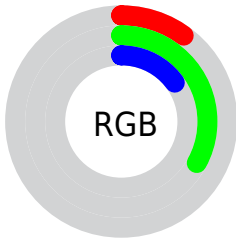
Format	Color
RYB	25, 74, 84
Decimal	1659941
CIELab	31.07, -30.35, 21.88
CIELCh	31, 37.418, 144.210
Yxy	6.6809, 0.2910, 0.4978
Android (android.graphics.Color)	4279850021 (0xFF195425)
YUV	61.0010, -11.8325, -31.5729
Hunter-Lab	25.8474, -18.2643, 11.5925

Details

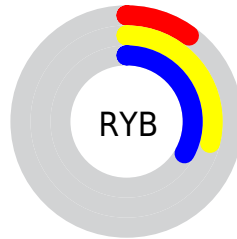
The Hex color **195425** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **541948**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4D8653**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **11541E**, and if you desaturate by 10%, it is **21542C**.

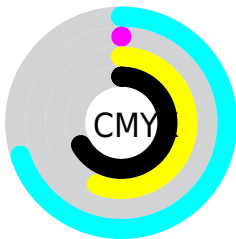
Distribution



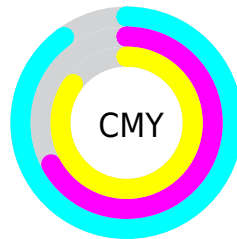
- Red (10%)
- Green (33%)
- Blue (15%)



- Red (10%)
- Yellow (29%)
- Blue (33%)



- Cyan (70%)
- Magenta (0%)
- Yellow (56%)
- Black (67%)



- Cyan (90%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195425 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 195425 by changing the saturation by 10% instead.

 195425

 195425

FFFFFF

 003C0F

 4D8653

 002600

 66A16C

 000700

 81BC85

 000000

 9CD89F

 B7F5BA

 D3FFD6

 F0FFF3

 195425

 195425

■ 11541E

■ 21542C

■ 085418

■ 2A5432

■ 005411

■ 325439

■ 3B5440

■ 435446

■ 4B544D

■ 545454

■ 5C545B

■ 655461

Harmonies

Analogous

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



414F0D



195425



005742

Triad

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



195425



004E83



7D2F33

Complementary

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



195425



541948

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.



7B2E50



195425



3F447F

Square

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



195425



005478



67376C



723A1A

Rectangle

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



195425



005757



67376C



7E2D3C

Sweetspot

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



195425



576E5B



485419



2A382D



B8B8B8



383838

Same Dimension

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



195425



126E24



195442



252926



006915



00E82F

Inverse Universe

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



541948



6E125B



54192B



292528



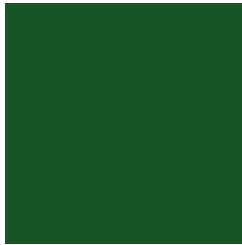
690053



E800B9

Previews

White Background



This preview shows how the Hex color 195425 looks on a white background.

Color Contrast Check

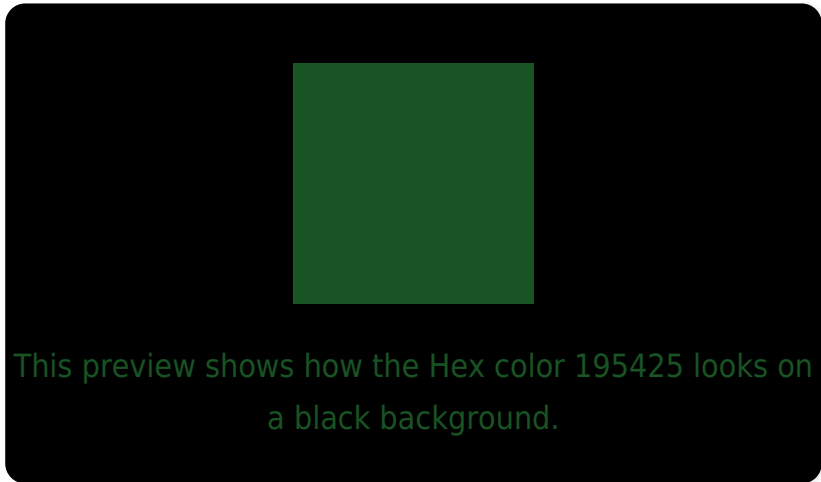
Large Text (above 18pt) WCAG AA ✓ Pass

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

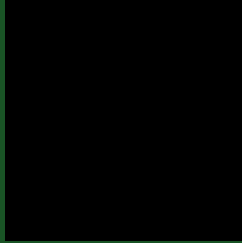
Any Text WCAG AA × Fail

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 195425 Background



This preview shows how black text looks on a background with the Hex color 195425.



This preview shows how white text looks on a background with the Hex color 195425.

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
195425

Protanopia
514922

Deuteranopia
594629



Tritanopia
284F55

Trichromacy



Original Color
195425

Protanomaly
3D4D23

Deuteranomaly
424B28

Tritanomaly
235144

Monochromacy



Original Color
195425

Achromatopsia
3D3D3D

Achromatomaly
304534

CSS Examples

Text

The CSS property to change the color of the text to Hex 195425 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 #195425 looks like.

```
.text, #text, p{  
    color:#195425  
}
```

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 #195425 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195425
}
```

Border

The CSS property to change the border of an element to Hex 195425 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".

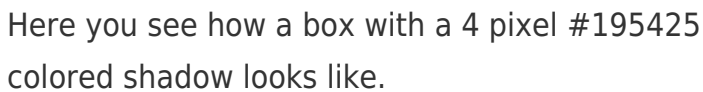
```
.border, #border, table{ border:4px solid
#195425 }
```

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

```
.border{ border-color:#195425 }
```

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

Here you see how a box with a 4 pixel #195425 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195425; -webkit-box-shadow:4px 4px  
4px 4px #195425; box-shadow:4px 4px 4px  
4px #195425 }
```

Background

The CSS property to change the background color of an element to Hex 195425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195425 }
```

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

```
.background{ background-color:#195425 }
```

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