

Converting Colors

Hex(196E20)

Have a look what the booklet for
Hex(196E20) contains.

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Color

Hex(196E20)

Conversions

Conversions Part 1

Format	Color
Hex	196E20
RGB	25, 110, 32
RGB Percent	10%, 43%, 13%
CMY	0.9020, 0.5686, 0.8745
CMYK	0.77, 0.00, 0.71, 0.57
HSL	125°, 63%, 26%
HSV	125°, 77%, 43%
XYZ	6.2375, 11.4628, 3.2503
YIQ	75.6930, -25.6220, -42.2780

Conversions

Conversions Part 2

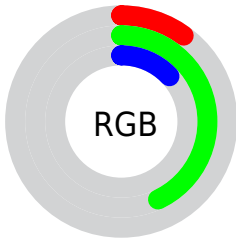
Format	Color
R_{YB}	25, 104, 110
Decimal	1666592
CIE Lab	40.35, -41.21, 35.11
CIE LCh	40, 54.136, 139.565
Yxy	11.4628, 0.2977, 0.5471
Android (android.graphics.Color)	4279856672 (0xFF196E20)
YUV	75.6930, -21.5406, -44.4578
Hunter-Lab	33.8568, -26.3637, 18.0078

Details

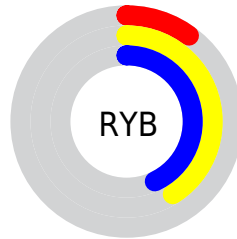
The Hex color **196E20** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6E1967**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **54A351**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **0E6E16**, and if you desaturate by 10%, it is **246E2A**.

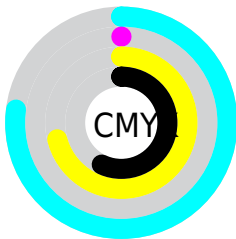
Distribution



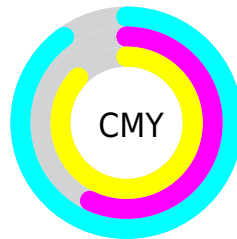
- Red (10%)
- Green (43%)
- Blue (13%)



- Red (10%)
- Yellow (41%)
- Blue (43%)



- Cyan (77%)
- Magenta (0%)
- Yellow (71%)
- Black (57%)



- Cyan (90%)
- Magenta (57%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 196E20 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 196E20 by changing the saturation by 10% instead.

 196E20

 196E20

FFFFFF

 005505

 54A351

 003D00

 6FBE6A

 002800

 8BDA83

 000200

 A6F79E

 000000

 C3FFB9

 E0FFD5

 F0FFF2

 196E20

 196E20

■ 0E6E16

■ 246E2A

■ 036E0C

■ 2F6E34

■ 006E09

■ 3A6E3E

■ 456E48

■ 506E52

■ 5B6E5D

■ 666E67

■ 716E71

■ 7C6E7B

Harmonies

Analogous

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



586600



196E20



00724E

Triad

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



196E20



0069B7



AD3144

Complementary

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



196E20



6E1967

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.



A63171



196E20



395AB3

Square

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



196E20



0071A2



844599



9E441B

Rectangle

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



196E20



00736D



844599



AD2E53

Sweetspot

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



196E20



6E8F71



686E19



334735



C7C7C7



474747

Same Dimension

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



196E20



0A8F15



196E49



323833



00780A



00F714

Inverse Universe

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



6E1967



8F0A84



6E193E



383238



78006E



F700E3

Previews

White Background



This preview shows how the Hex color 196E20 looks on a white background.

Color Contrast Check

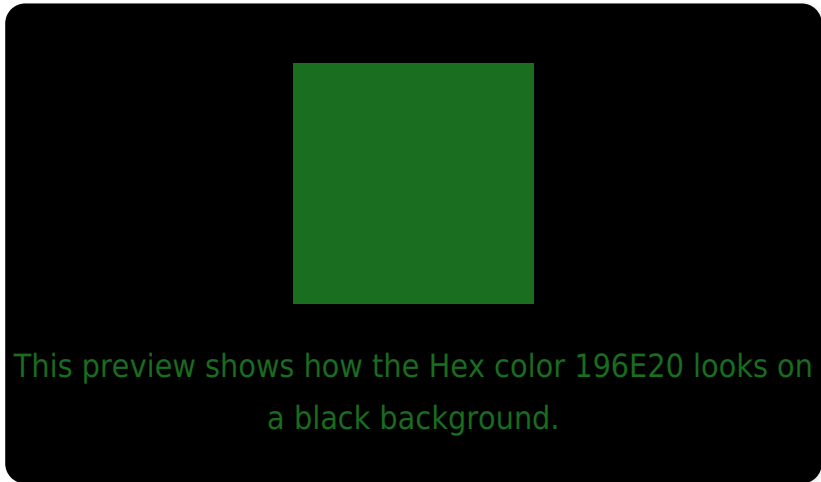
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

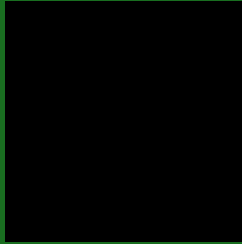
Any Text WCAG AA × Fail

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 196E20 Background



This preview shows how black text looks on a background with the Hex color 196E20.



This preview shows how white text looks on a background with the Hex color 196E20.

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
196E20

Protanopia
6A5F1C

Deuteranopia
765A27



Tritanopia
32676F

Trichromacy



Original Color
196E20



Protanomaly
4D641D



Deuteranomaly
546124



Tritanomaly
296A52

Monochromacy



Original Color
196E20



Achromatopsia
4C4C4C



Achromatomaly
39583C

CSS Examples

Text

The CSS property to change the color of the text to Hex 196E20 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 #196E20 looks like.

```
.text, #text, p{  
    color:#196E20  
}
```

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 #196E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196E20
}
```

Border

The CSS property to change the border of an element to Hex 196E20 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
#196E20 }
```

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

```
.border{ border-color:#196E20 }
```

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

Here you see how a box with a 4 pixel #196E20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196E20; -webkit-box-shadow:4px 4px  
4px 4px #196E20; box-shadow:4px 4px 4px  
4px #196E20 }
```

Background

The CSS property to change the background color of an element to Hex 196E20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196E20 }
```

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

```
.background{ background-color:#196E20 }
```

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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