

# Converting Colors

Hex(A96C20)

Have a look what the booklet for  
Hex(A96C20) contains.

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**Color**

**Hex(A96C20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A96C20
RGB	169, 108, 32
RGB Percent	66%, 42%, 13%
CMY	0.3373, 0.5765, 0.8745
CMYK	0.00, 0.36, 0.81, 0.34
HSL	33°, 68%, 39%
HSV	33°, 81%, 66%
XYZ	21.9855, 19.2644, 3.9261
YIQ	117.5750, 60.7520, -10.7040

# Conversions

## Conversions Part 2

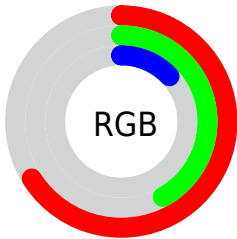
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	142, 169, 32
Decimal	11103264
CIE Lab	51.00, 18.16, 49.43
CIE LCh	51, 52.663, 69.834
Yxy	19.2644, 0.4867, 0.4264
Android (android.graphics.Color)	4289293344 (0xFFA96C20)
YUV	117.5750, -42.1885, 45.0997
Hunter-Lab	43.8913, 12.6023, 25.4203

# Details

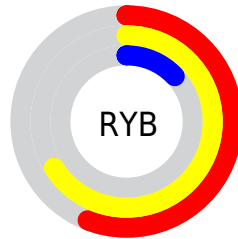
The Hex color **A96C20** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **205DA9**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E5A053**, and **703C00** is the 20% darker color. If you saturate the color by 10%, you get **A9640F**, and if you desaturate by 10%, it is **A97431**.

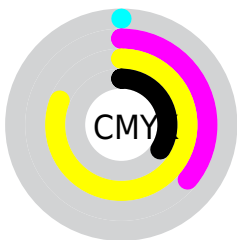
# Distribution



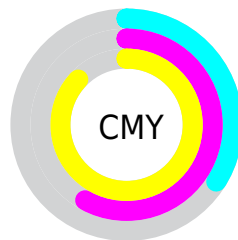
- Red (66%)
- Green (42%)
- Blue (13%)



- Red (56%)
- Yellow (66%)
- Blue (13%)



- Cyan (0%)
- Magenta (36%)
- Yellow (81%)
- Black (34%)



- Cyan (34%)
- Magenta (58%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A96C20 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 A96C20 by changing the saturation by 10% instead.



 A96C20

 A96C20

FFFFFF

 8C5401

 E5A053

 703C00

 FFBB6C

 542600

 FFD687

 391100

 FFF3A2

 220000

 FFFFBD

 000000

 FFFFD9

 FFFFF6

 A96C20

 A96C20

■ A9640F

■ A97431

■ A95E00

■ A97B42

■ A98353

■ A98A64

■ A99274

■ A99985

■ A9A196

■ A9A8A7

■ A9B0B8

# Harmonies

## Analogous

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



C35A42



A96C20



837C14

# Triad

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



A96C20



008F87



8F67BF

# Complementary

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



A96C20



205DA9

# 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.



357AD2



A96C20



008DB2

# Square

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



A96C20



008D59



0087CE



BB5599

# Rectangle

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



A96C20



648424



0087CE



796EC8



# Sweetspot

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



A96C20



DBC4A7



A9205E



6E5F4E



EDEDED



6E6E6E



# Same Dimension

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



A96C20



DB7D07



A2A920



54504C



945200



140B00



# Inverse Universe

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



205DA9



0765DB



2720A9



4C4F54



004294



000914



# Previews

## White Background



This preview shows how the Hex color A96C20 looks on a white background.

## Color Contrast Check

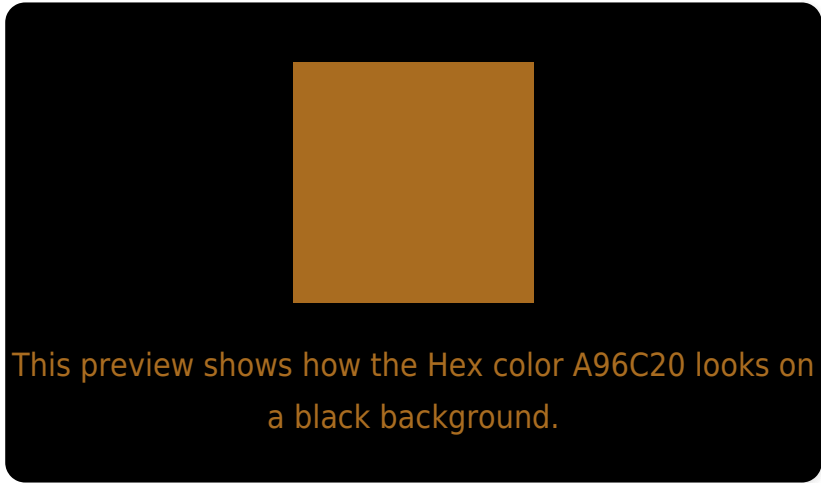
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

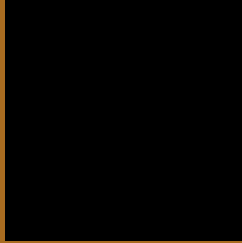
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A96C20 Background



This preview shows how black text looks on a background with the Hex color A96C20.



This preview shows how white text looks on a background with the Hex color A96C20.

# 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**  
A96C20

**Protanopia**  
897A24

**Deuteranopia**  
99741D



# Trichromacy



**Original Color**  
A96C20

**Protanomaly**  
957523

**Deuteranomaly**  
9F711E

**Tritanomaly**  
AC6850

# Monochromacy



**Original Color**  
A96C20

**Achromatopsia**  
767676

**Achromatomaly**  
897257

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A96C20 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 #A96C20 looks like.

```
.text, #text, p{  
    color:#A96C20  
}
```

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 #A96C20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A96C20  
}
```

## Border

The CSS property to change the border of an element to Hex A96C20 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  
#A96C20 }
```

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

```
.border{ border-color:#A96C20 }
```

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

Here you see how a box with a 4 pixel #A96C20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A96C20; -webkit-box-shadow:4px 4px  
4px 4px #A96C20; box-shadow:4px 4px 4px  
4px #A96C20 }
```

# Background

The CSS property to change the background color of an element to Hex A96C20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A96C20 }
```

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

```
.background{ background-color:#A96C20 }
```

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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