

# Converting Colors

Hex(A20646)

Have a look what the booklet for  
Hex(A20646) contains.

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# Color

**Hex(A20646)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A20646
RGB	162, 6, 70
RGB Percent	64%, 2%, 27%
CMY	0.3647, 0.9765, 0.7255
CMYK	0.00, 0.96, 0.57, 0.36
HSL	335°, 93%, 33%
HSV	335°, 96%, 64%
XYZ	16.0709, 8.2538, 6.5405
YIQ	59.9400, 72.4320, 52.9760

# Conversions

## Conversions Part 2

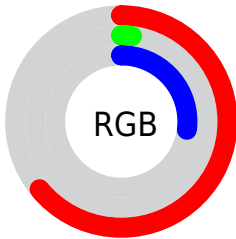
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 6, 70
Decimal	10618438
CIELab	34.51, 58.79, 8.75
CIElCh	35, 59.434, 8.468
Yxy	8.2538, 0.5207, 0.2674
Android (android.graphics.Color)	4288808518 (0xFFA20646)
YUV	59.9400, 4.9596, 89.5066
Hunter-Lab	28.7295, 49.5741, 6.6128

# Details

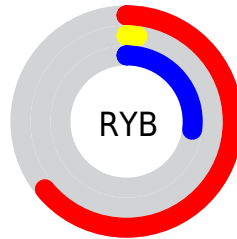
The Hex color **A20646** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **06A262**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **DE4F76**, and **67001C** is the 20% darker color. If you saturate the color by 10%, you get **A20042**, and if you desaturate by 10%, it is **A21650**.

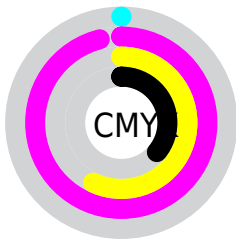
# Distribution



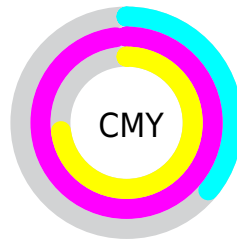
- Red (64%)
- Green (2%)
- Blue (27%)



- Red (64%)
- Yellow (2%)
- Blue (27%)



- Cyan (0%)
- Magenta (96%)
- Yellow (57%)
- Black (36%)



- Cyan (36%)
- Magenta (98%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A20646 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 A20646 by changing the saturation by 10% instead.



 A20646

 A20646

FFFFFF

 840030

 DE4F76

 67001C

 FD6B8F

 4B0001

 FF87AA

 2E0002

 FFA3C5

 000000

 FFC0E1

 FFDDFE

 FFFBFF

 A20646

 A20646

 A20042

 A21650

 A22659

 A23763

 A2476C

 A25776

 A2677F

 A27789

 A28892

 A2989C

# Harmonies

## Analogous

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



921D75



A20646



992618

# Triad

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



A20646



1F5E00



0060AA

# Complementary

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



A20646



06A262

# 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.



00648B



A20646



00632C

# Square

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



A20646



585400



00655E



0053B0

# Rectangle

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



A20646



893A00



00655E



0062A2



# Sweetspot

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



A20646



D496AF



6106A2



6B4655



EBEBEB



6B6B6B



# Same Dimension

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



A20646



D40057



A21306



52494D



91003C



120007



# Inverse Universe

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



A20646



D40057



0695A2



52494D



91003C

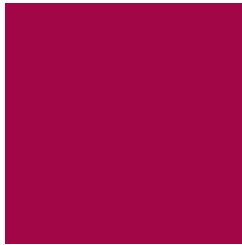


120007



# Previews

## White Background



This preview shows how the Hex color A20646 looks on a white background.

## Color Contrast Check

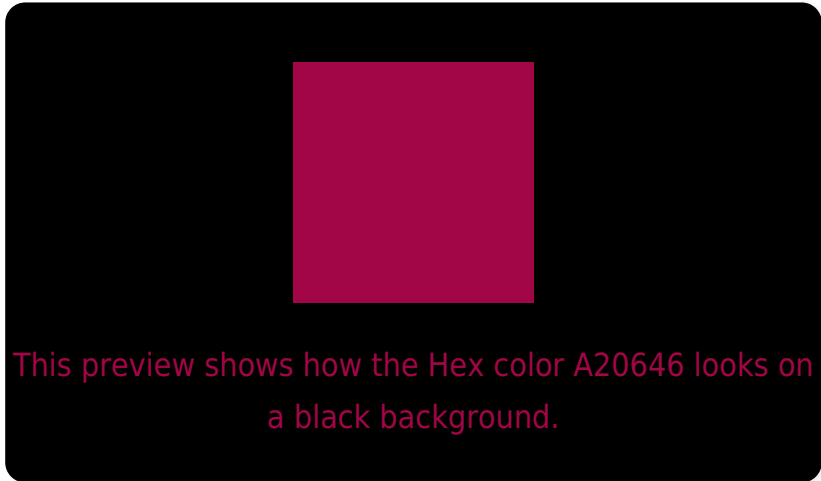
Large Text (above 18pt) WCAG AA ✓ Pass

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 A20646 Background



This preview shows how black text looks on a background with the Hex color A20646.

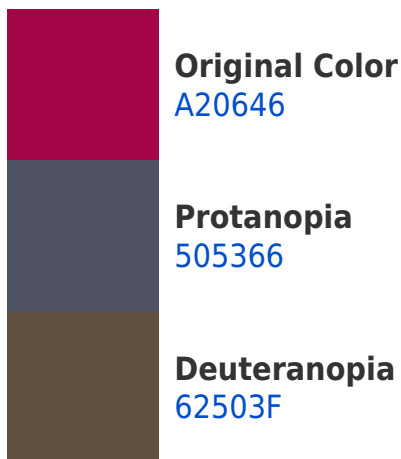


This preview shows how white text looks on a background with the Hex color A20646.

# 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





**Tritanopia**  
A01C1B

# Trichromacy



**Original Color**  
A20646

**Protanomaly**  
6E375A

**Deuteranomaly**  
793542

**Tritanomaly**  
A1142B

# Monochromacy



**Original Color**  
A20646

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
612840

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A20646 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 #A20646 looks like.

```
.text, #text, p{  
    color:#A20646  
}
```

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 #A20646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A20646
}
```

## Border

The CSS property to change the border of an element to Hex A20646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

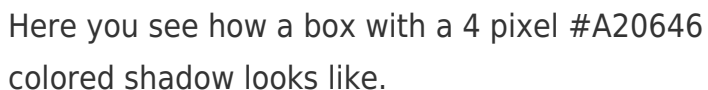
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A20646 }
```

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

```
.border{ border-color:#A20646 }
```

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



Here you see how a box with a 4 pixel `#A20646` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A20646; -webkit-box-shadow:4px 4px  
4px 4px #A20646; box-shadow:4px 4px 4px  
4px #A20646 }
```

# Background

The CSS property to change the background color of an element to Hex A20646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A20646 }
```

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

```
.background{ background-color:#A20646 }
```

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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