

# Converting Colors

Hex(A20010)

Have a look what the booklet for  
Hex(A20010) contains.

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# Color

**Hex(A20010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A20010
RGB	162, 0, 16
RGB Percent	64%, 0%, 6%
CMY	0.3647, 1.0000, 0.9373
CMYK	0.00, 1.00, 0.90, 0.36
HSL	354°, 100%, 32%
HSV	354°, 100%, 64%
XYZ	14.9938, 7.7188, 1.1898
YIQ	50.2620, 91.4160, 39.3200

# Conversions

## Conversions Part 2

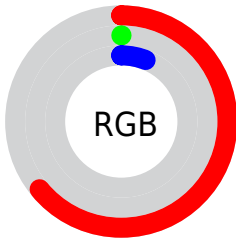
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 0, 16
Decimal	10616848
CIELab	33.39, 57.28, 40.77
CIELCh	33, 70.306, 35.447
Yxy	7.7188, 0.6273, 0.3229
Android (android.graphics.Color)	4288806928 (0xFFA20010)
YUV	50.2620, -16.8912, 97.9942
Hunter-Lab	27.7827, 47.7134, 16.9087

# Details

The Hex color **A20010** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A292**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **E14B3D**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **A20010**, and if you desaturate by 10%, it is **A2101F**.

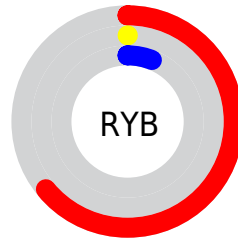
# Distribution



Red (64%)

Green (0%)

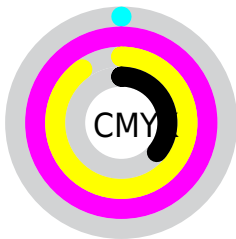
Blue (6%)



Red (64%)

Yellow (0%)

Blue (6%)

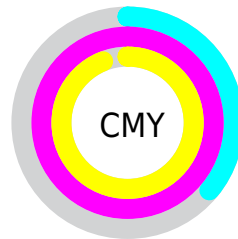


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (36%)



Cyan (36%)

Magenta (100%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A20010 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 A20010 by changing the saturation by 10% instead.



 A20010

 A20010

 FFFFF5

 830000

 E14B3D

 640000

 FF6754

 470001

 FF836D

 2A0001

 FF9F87

 000000

 FFBCA1

 FFD9BC

 FFF6D8

 A20010

 A2101F

 A2202D

 A2313C

 A2414A

 A25159

 A26168

 A27176

 A28285

 A29293

# Harmonies

## Analogous

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



AB0047



A20010



843900

# Triad

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



A20010



00621B



0054C0

# Complementary

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



A20010



00A292

# 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.



0060B5



A20010



006458

# Square

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



A20010



145C00



00648F



5339AB

# Rectangle

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



A20010



684A00



00648F



0059C0



# Sweetspot

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



A20010



D4949A



9200A2



6B4548



EBEBEB



6B6B6B



# Same Dimension

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



A20010



D40015



A24100



52494A



91000E



120002



# Inverse Universe

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



A20010



D40015



0061A2



52494A



91000E



120002



# Previews

## White Background



This preview shows how the Hex color A20010 looks on a white background.

## Color Contrast Check

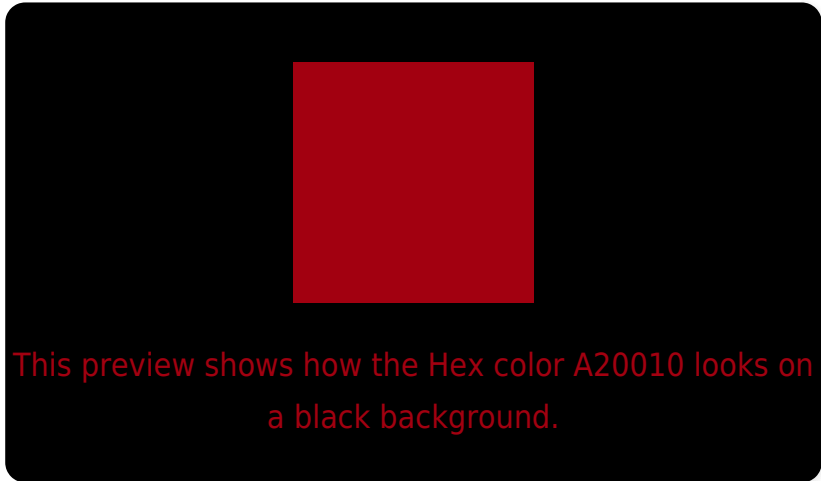
Large Text (above 18pt) WCAG AA ✓ Pass

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 A20010 Background



This preview shows how black text looks on a background with the Hex color A20010.



This preview shows how white text looks on a background with the Hex color A20010.

# 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**  
A20010

**Protanopia**  
5B521E

**Deuteranopia**  
674E00



**Tritanopia**  
A10F00

# Trichromacy



**Original Color**  
A20010

**Protanomaly**  
753419

**Deuteranomaly**  
7C3206

**Tritanomaly**  
A10A06

# Monochromacy



**Original Color**  
A20010

**Achromatopsia**  
323232

**Achromatomaly**  
5B2026

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A20010 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 #A20010 looks like.

```
.text, #text, p{  
    color:#A20010  
}
```

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 #A20010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A20010
}
```

## Border

The CSS property to change the border of an element to Hex A20010 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".

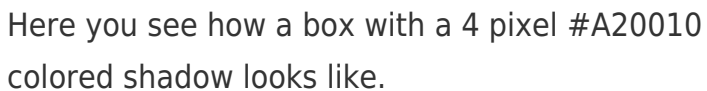
```
.border, #border, table{ border:4px solid
#A20010 }
```

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

```
.border{ border-color:#A20010 }
```

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

Here you see how a box with a 4 pixel #A20010 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A20010; -webkit-box-shadow:4px 4px  
4px 4px #A20010; box-shadow:4px 4px 4px  
4px #A20010 }
```

# Background

The CSS property to change the background color of an element to Hex A20010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A20010 }
```

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

```
.background{ background-color:#A20010 }
```

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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