

# Converting Colors

Hex(A10364)

Have a look what the booklet for  
Hex(A10364) contains.

<b>Hex(A10364)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A10364)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A10364
RGB	161, 3, 100
RGB Percent	63%, 1%, 39%
CMY	0.3686, 0.9882, 0.6078
CMYK	0.00, 0.98, 0.38, 0.37
HSL	323°, 96%, 32%
HSV	323°, 98%, 63%
XYZ	17.0308, 8.5623, 12.8117
YIQ	61.3000, 63.0310, 63.6630

# Conversions

## Conversions Part 2

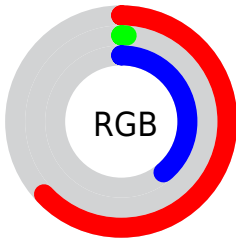
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 3, 100
Decimal	10552164
CIELab	35.13, 61.51, -9.85
CIELCh	35, 62.290, 350.898
Yxy	8.5623, 0.4435, 0.2229
Android (android.graphics.Color)	4288742244 (0xFFA10364)
YUV	61.3000, 19.0791, 87.4369
Hunter-Lab	29.2614, 52.6834, -5.4763

# Details

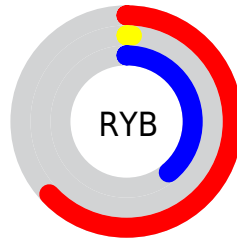
The Hex color **A10364** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **03A140**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **DC4F97**, and **680035** is the 20% darker color. If you saturate the color by 10%, you get **A10063**, and if you desaturate by 10%, it is **A1136A**.

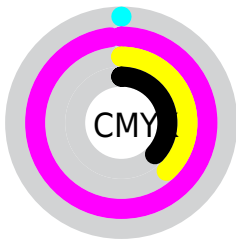
# Distribution



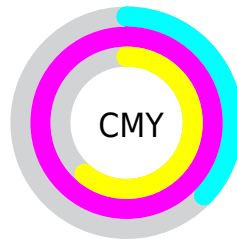
- Red (63%)
- Green (1%)
- Blue (39%)



- Red (63%)
- Yellow (1%)
- Blue (39%)



- Cyan (0%)
- Magenta (98%)
- Yellow (38%)
- Black (37%)



- Cyan (37%)
- Magenta (99%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A10364 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 A10364 by changing the saturation by 10% instead.



 A10364

 A10364

FFFFFF

 84004C

 DC4F97

 680035

 FA6BB2

 4C0020

 FF88CD

 320005

 FFA4E9

 000000

 FFC1FF

 FFDEFF

 FFFCFF

 A10364

 A10364

■ A10063

■ A1136A

■ A12370

■ A13377

■ A1437D

■ A15383

■ A16489

■ A17490

■ A18496

■ A1949C

# Harmonies

## Analogous

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



7D3092



A10364



A60A33

# Triad

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



A10364



455A00



0065A0

# Complementary

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



A10364



03A140

# 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.



006775



A10364



006305

# Square

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



A10364



724B00



006641



005EB6

# Rectangle

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



A10364



9C2712



006641



006793



# Sweetspot

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



A10364



D194BA



4003A1



69445A



E8E8E8



696969



# Same Dimension

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



A10364



D10080



A10315



52494E



910059



12000B



# Inverse Universe

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



A10364



D10080



03A18F



52494E



910059



12000B



# Previews

## White Background



This preview shows how the Hex color A10364 looks on a white background.

## Color Contrast Check

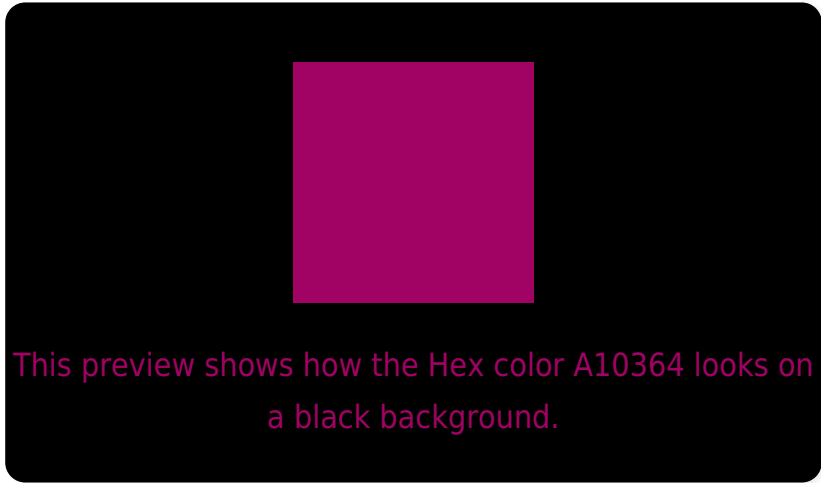
Large Text (above 18pt) WCAG AA ✓ Pass

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

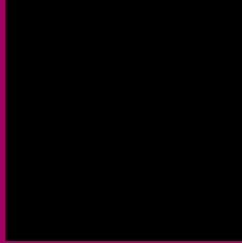
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A10364 Background



This preview shows how black text looks on a background with the Hex color A10364.



This preview shows how white text looks on a background with the Hex color A10364.

# 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**  
9D2829

# Trichromacy



**Original Color**  
A10364

**Protanomaly**  
61367F

**Deuteranomaly**  
743660

**Tritanomaly**  
9E1B3E

# Monochromacy



**Original Color**  
A10364

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
61284B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A10364 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 #A10364 looks like.

```
.text, #text, p{  
    color:#A10364  
}
```

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 #A10364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A10364
}
```

## Border

The CSS property to change the border of an element to Hex A10364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

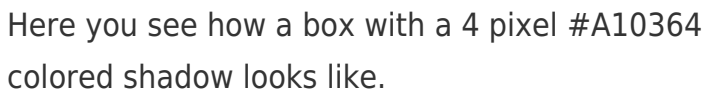
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A10364 }
```

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

```
.border{ border-color:#A10364 }
```

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



Here you see how a box with a 4 pixel #A10364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A10364; -webkit-box-shadow:4px 4px  
4px 4px #A10364; box-shadow:4px 4px 4px  
4px #A10364 }
```

# Background

The CSS property to change the background color of an element to Hex A10364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A10364 }
```

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

```
.background{ background-color:#A10364 }
```

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