

# Converting Colors

Hex(A10465)

Have a look what the booklet for  
Hex(A10465) contains.

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**Color**

**Hex(A10465)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A10465
RGB	161, 4, 101
RGB Percent	63%, 2%, 40%
CMY	0.3686, 0.9843, 0.6039
CMYK	0.00, 0.98, 0.37, 0.37
HSL	323°, 95%, 32%
HSV	323°, 98%, 63%
XYZ	17.0903, 8.6035, 13.0718
YIQ	62.0010, 62.4350, 63.4510

# Conversions

## Conversions Part 2

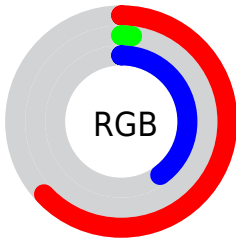
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 4, 101
Decimal	10552421
CIELab	35.21, 61.48, -10.37
CIElCh	35, 62.350, 350.425
Yxy	8.6035, 0.4409, 0.2219
Android (android.graphics.Color)	4288742501 (0xFFA10465)
YUV	62.0010, 19.2265, 86.8221
Hunter-Lab	29.3317, 52.6738, -5.8907

# Details

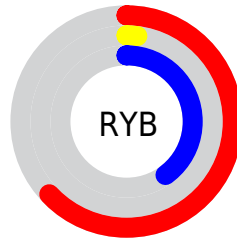
The Hex color **A10465** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **04A140**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **DC4F98**, and **680036** is the 20% darker color. If you saturate the color by 10%, you get **A10063**, and if you desaturate by 10%, it is **A1146B**.

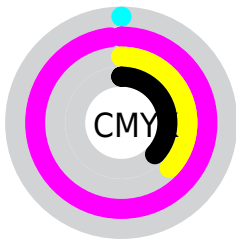
# Distribution



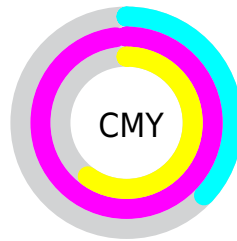
- Red (63%)
- Green (2%)
- Blue (40%)



- Red (63%)
- Yellow (2%)
- Blue (40%)



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



- Cyan (37%)
- Magenta (98%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A10465 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 A10465 by changing the saturation by 10% instead.



 A10465

 A10465

FFFFFF

 84004D

 DC4F98

 680036

 FA6CB3

 4C0021

 FF88CE

 320007

 FFA4EA

 000000

 FFC1FF

 FFDEFF

 FFFCFF

 A10465

 A10465

 A10063

 A1146B

 A12471

 A13477

 A1447E

 A15484

 A1658A

 A17590

 A18596

 A1959C

# Harmonies

## Analogous

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



7D3193



A10465



A60934

# Triad

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



A10465



465A00



0066A0

# Complementary

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



A10465



04A140

# 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.



006874



A10465



006304

# Square

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



A10465



734B00



006741



005EB6

# Rectangle

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



A10465



9D2713



006741



006793



# Sweetspot

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



A10465



D194BA



3E04A1



69445B



E8E8E8



696969



# Same Dimension

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



A10465



D10081



A10419



52494E



91005A



12000B



# Inverse Universe

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



A10465



D10081



04A18C



52494E



91005A



12000B



# Previews

## White Background



This preview shows how the Hex color A10465 looks on a white background.

## Color Contrast Check

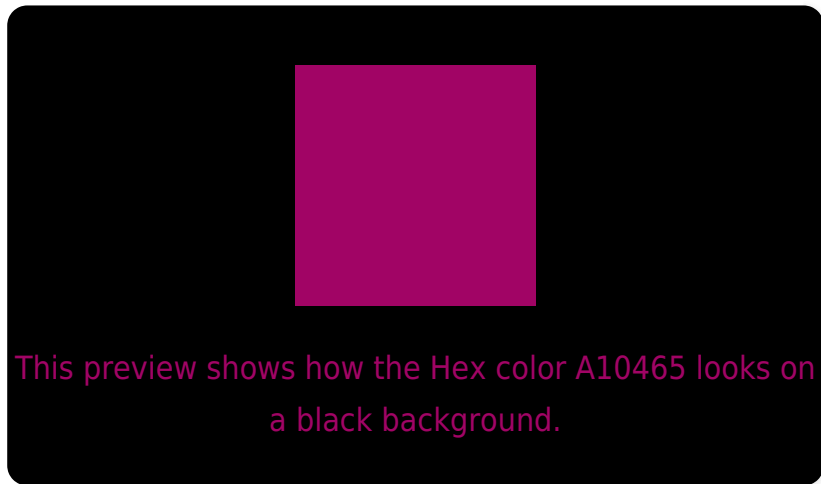
Large Text (above 18pt) WCAG AA ✓ Pass

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 A10465 Background



This preview shows how black text looks on a background with the Hex color A10465.

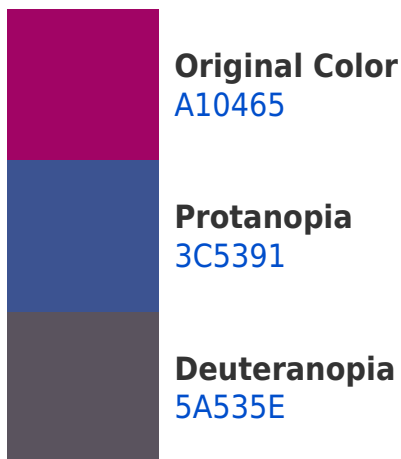


This preview shows how white text looks on a background with the Hex color A10465.

# 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



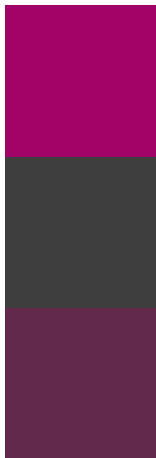
**Original Color**  
A10465

**Protanomaly**  
613681

**Deuteranomaly**  
743661

**Tritanomaly**  
9E1B3F

# Monochromacy



**Original Color**  
A10465

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
62294C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A10465 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 #A10465 looks like.

```
.text, #text, p{  
    color:#A10465  
}
```

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 #A10465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A10465
}
```

## Border

The CSS property to change the border of an element to Hex A10465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

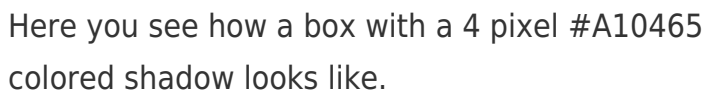
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A10465 }
```

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

```
.border{ border-color:#A10465 }
```

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



Here you see how a box with a 4 pixel #A10465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A10465; -webkit-box-shadow:4px 4px  
4px 4px #A10465; box-shadow:4px 4px 4px  
4px #A10465 }
```

# Background

The CSS property to change the background color of an element to Hex A10465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A10465 }
```

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

```
.background{ background-color:#A10465 }
```

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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