

# Converting Colors

Hex(A04565)

Have a look what the booklet for  
Hex(A04565) contains.

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**Color**

**Hex(A04565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A04565
RGB	160, 69, 101
RGB Percent	63%, 27%, 40%
CMY	0.3725, 0.7294, 0.6039
CMYK	0.00, 0.57, 0.37, 0.37
HSL	339°, 40%, 45%
HSV	339°, 57%, 63%
XYZ	18.9743, 12.6694, 13.7573
YIQ	99.8570, 43.9640, 29.2440

# Conversions

## Conversions Part 2

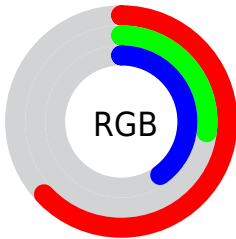
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 69, 101
Decimal	10503525
CIE <sub>Lab</sub>	42.26, 41.10, 0.09
CIE <sub>LCh</sub>	42, 41.097, 0.127
Yxy	12.6694, 0.4179, 0.2791
Android (android.graphics.Color)	4288693605 (0xFFA04565)
YUV	99.8570, 0.5635, 52.7454
Hunter-Lab	35.5941, 32.8640, 2.0000

# Details

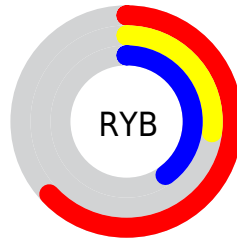
The Hex color **A04565** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **45A080**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D97998**, and **690E36** is the 20% darker color. If you saturate the color by 10%, you get **A0355B**, and if you desaturate by 10%, it is **A0556F**.

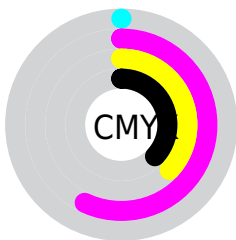
# Distribution



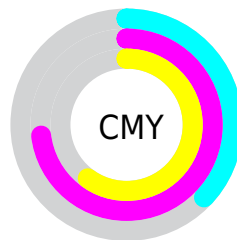
- Red (63%)
- Green (27%)
- Blue (40%)



- Red (63%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (57%)
- Yellow (37%)
- Black (37%)



- Cyan (37%)
- Magenta (73%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A04565 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 A04565 by changing the saturation by 10% instead.



 A04565

 A04565

FFFFFF

 842B4D

 D97998

 690E36

 F794B2

 4E0021

 FFAFCE

 36000A

 FFCBEA

 120000

 FFE8FF

 000000

 A04565

 A04565

 A0355B

 A0556F

 A02550

 A0657A

 A01546

 A07584

 A0053C

 A0858E

 A00038

 A09599

 A0A5A3

 A0B5AE

 A0C5B8

 A0D5C2

# Harmonies

## Analogous

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



8D4D86



A04565



A04944

# Triad

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



A04565



546C25



00709E

# Complementary

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



A04565



45A080

# 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.



007485



A04565



237240

# Square

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



A04565



76621B



007463



0B67A7

# Rectangle

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



A04565



975131



007463



007297



# Sweetspot

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



A04565



D1AEBA



7F45A0



69545B



E8E8E8



696969



# Same Dimension

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



A04565



D14375



A05145



4F474A



8F0032



0F0005



# Inverse Universe

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



A04565



D14375



4594A0



4F474A



8F0032

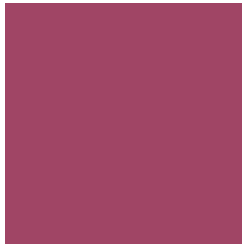


0F0005



# Previews

## White Background



This preview shows how the Hex color A04565 looks on a white background.

## Color Contrast Check

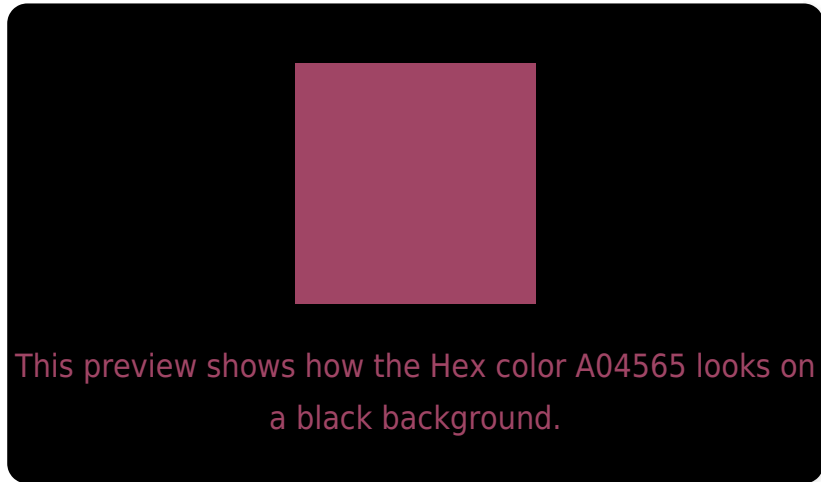
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

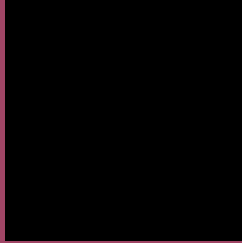
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A04565 Background



This preview shows how black text looks on a background with the Hex color A04565.

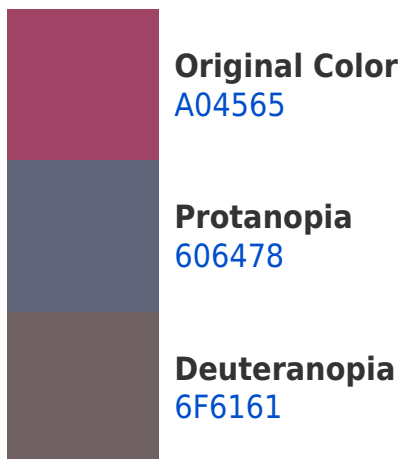


This preview shows how white text looks on a background with the Hex color A04565.

# 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**  
9E494E

# Trichromacy



**Original Color**  
A04565

**Protanomaly**  
775971

**Deuteranomaly**  
815762

**Tritanomaly**  
9F4856

# Monochromacy



**Original Color**  
A04565

**Achromatopsia**  
646464

**Achromatomaly**  
7A5964

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A04565 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 #A04565 looks like.

```
.text, #text, p{  
    color:#A04565  
}
```

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 #A04565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A04565
}
```

## Border

The CSS property to change the border of an element to Hex A04565 is called "border". The border property can be set on classes, ids or directly on the HTML element.

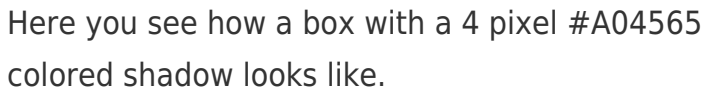
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A04565 }
```

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

```
.border{ border-color:#A04565 }
```

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



Here you see how a box with a 4 pixel #A04565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A04565; -webkit-box-shadow:4px 4px  
4px 4px #A04565; box-shadow:4px 4px 4px  
4px #A04565 }
```

# Background

The CSS property to change the background color of an element to Hex A04565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A04565 }
```

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

```
.background{ background-color:#A04565 }
```

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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