

# Converting Colors

Hex(A55568)

Have a look what the booklet for  
Hex(A55568) contains.

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**Color**

**Hex(A55568)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A55568
RGB	165, 85, 104
RGB Percent	65%, 33%, 41%
CMY	0.3529, 0.6667, 0.5922
CMYK	0.00, 0.48, 0.37, 0.35
HSL	346°, 32%, 49%
HSV	346°, 48%, 65%
XYZ	21.2642, 15.4958, 14.9669
YIQ	111.0860, 41.5810, 22.8690

# Conversions

## Conversions Part 2

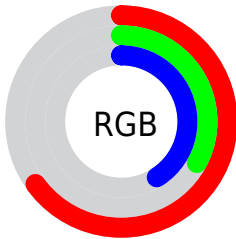
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	165, 85, 104
Decimal	10835304
CIELab	46.31, 34.97, 4.21
CIElCh	46, 35.226, 6.858
Yxy	15.4958, 0.4111, 0.2996
Android (android.graphics.Color)	4289025384 (0xFFA55568)
YUV	111.0860, -3.4934, 47.2826
Hunter-Lab	39.3647, 27.5348, 5.0125

# Details

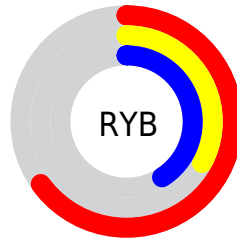
The Hex color **A55568** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **55A592**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **DE899B**, and **6E2339** is the 20% darker color. If you saturate the color by 10%, you get **A5445B**, and if you desaturate by 10%, it is **A56575**.

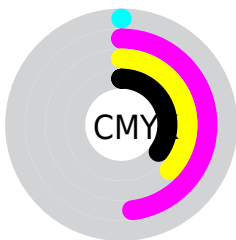
# Distribution



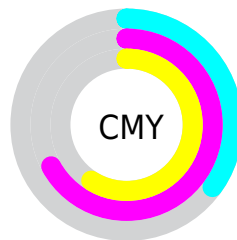
- Red (65%)
- Green (33%)
- Blue (41%)



- Red (65%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (48%)
- Yellow (37%)
- Black (35%)



- Cyan (35%)
- Magenta (67%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A55568 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 A55568 by changing the saturation by 10% instead.



 A55568

 A55568

FFFFFF

 893C50

 DE899B

 6E2339

 FCA3B6

 540824

 FFBFD1

 3A000E

 FFDBEE

 210001

 FFF8FF

 000000

 A55568

 A55568

 A5445B

 A56575

 A5344F

 A57681

 A52342

 A5868E

 A51336

 A5979A

 A50229

 A5A7A7

 A50027

 A5B8B3

 A5C8C0

 A5D9CD

 A5E9D9

# Harmonies

## Analogous

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



985986



A55568



A25A4C

# Triad

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



A55568



5A763D



0077A3

# Complementary

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



A55568



55A592

# 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.



007C90



A55568



317B55

# Square

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



A55568



796E31



007D74



496FA8

# Rectangle

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



A55568



99603D



007D74



00799E



# Sweetspot

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



A55568



D6B6BE



9155A5



6B585C



EBEBEB



6B6B6B



# Same Dimension

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



A55568



D65A77



A56955



52494B



910023



120004



# Inverse Universe

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



A55568



D65A77



5591A5



52494B



910023

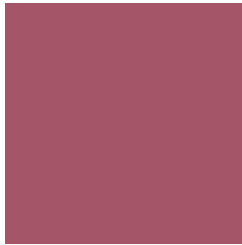


120004



# Previews

## White Background



This preview shows how the Hex color A55568 looks on a white background.

## Color Contrast Check

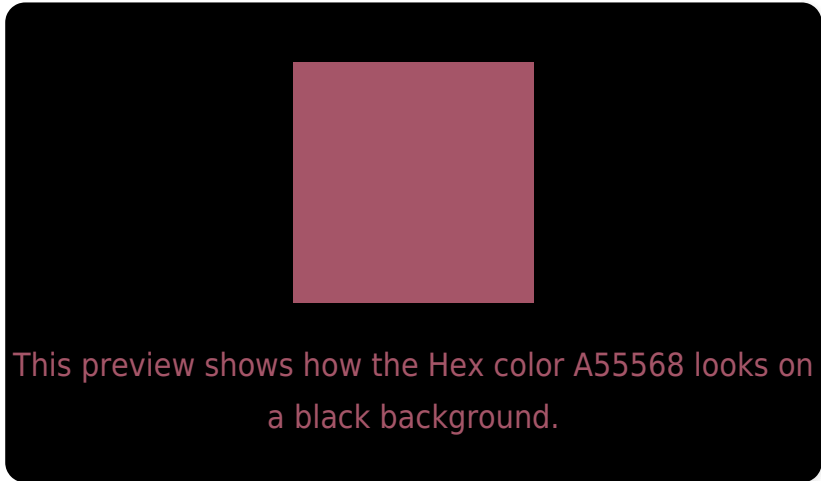
Large Text (above 18pt) WCAG AA ✓ Pass

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 A55568 Background



This preview shows how black text looks on a background with the Hex color A55568.



This preview shows how white text looks on a background with the Hex color A55568.

# 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**  
A55568

**Protanopia**  
6E6E76

**Deuteranopia**  
7C6A64



**Tritanopia**  
A4575D

# Trichromacy



**Original Color**  
A55568

**Protanomaly**  
826571

**Deuteranomaly**  
8B6265

**Tritanomaly**  
A45661

# Monochromacy



**Original Color**  
A55568

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
83666C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A55568 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 #A55568 looks like.

```
.text, #text, p{  
    color:#A55568  
}
```

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 #A55568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A55568
}
```

## Border

The CSS property to change the border of an element to Hex A55568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

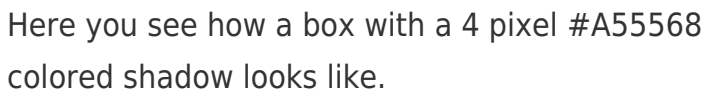
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A55568 }
```

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

```
.border{ border-color:#A55568 }
```

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



Here you see how a box with a 4 pixel #A55568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A55568; -webkit-box-shadow:4px 4px  
4px 4px #A55568; box-shadow:4px 4px 4px  
4px #A55568 }
```

# Background

The CSS property to change the background color of an element to Hex A55568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A55568 }
```

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

```
.background{ background-color:#A55568 }
```

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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