

# Converting Colors

Hex(A3553D)

Have a look what the booklet for  
Hex(A3553D) contains.

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# Color

**Hex(A3553D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3553D
RGB	163, 85, 61
RGB Percent	64%, 33%, 24%
CMY	0.3608, 0.6667, 0.7608
CMYK	0.00, 0.48, 0.63, 0.36
HSL	14°, 46%, 44%
HSV	14°, 63%, 64%
XYZ	19.1951, 14.6205, 6.2252
YIQ	105.5860, 54.1920, 9.0720

# Conversions

## Conversions Part 2

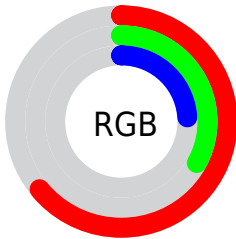
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 92, 61
Decimal	10704189
CIELab	45.11, 29.95, 28.31
CIELCh	45, 41.212, 43.395
Yxy	14.6205, 0.4794, 0.3651
Android (android.graphics.Color)	4288894269 (0xFFA3553D)
YUV	105.5860, -21.9809, 50.3521
Hunter-Lab	38.2367, 22.6939, 17.1128

# Details

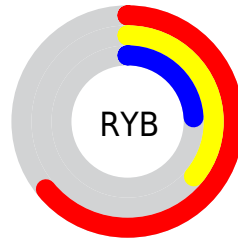
The Hex color **A3553D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3D8BA3**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **DE886D**, and **6A2511** is the 20% darker color. If you saturate the color by 10%, you get **A3492D**, and if you desaturate by 10%, it is **A3614D**.

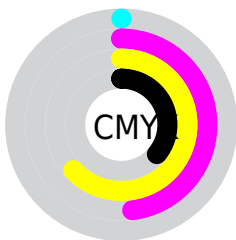
# Distribution



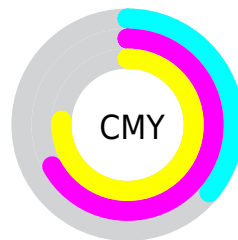
- Red (64%)
- Green (33%)
- Blue (24%)



- Red (64%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (63%)
- Black (36%)



- Cyan (36%)
- Magenta (67%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3553D 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 A3553D by changing the saturation by 10% instead.



 A3553D

 A3553D

FFFFFF

 863D27

 DE886D

 6A2511

 FCA386

 4F0C00

 FFBEA1

 340000

 FFDABC

 140000

 FFF7D8

 000000

 FFFFF4

 A3553D

 A3553D

 A3492D

 A3614D

 A33C1C

 A36E5E

 A3300C

 A37A6E

 A32600

 A3877E

 A3938F

 A3A09F

 A3ACAF

 A3B9BF

 A3C5D0

# Harmonies

## Analogous

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



AA4D5D



A3553D



8E6227

# Triad

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



A3553D



007A56



4969AE

# Complementary

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



A3553D



3D8BA3

# 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.



0074AC



A3553D



007C7A

# Square

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



A3553D



497636



007A99



815B9D

# Rectangle

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



A3553D



7A6A22



007A99



2C6DAF



# Sweetspot

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



A3553D



D4B5AB



A33D8B



6B5852



EBEBEB



6B6B6B



# Same Dimension

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



A3553D



D45A35



A3883D



524B49



912200



120400



# Inverse Universe

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



3D8BA3



35AED4



3D58A3



495052



006F91



000E12



# Previews

## White Background



This preview shows how the Hex color A3553D looks on a white background.

## Color Contrast Check

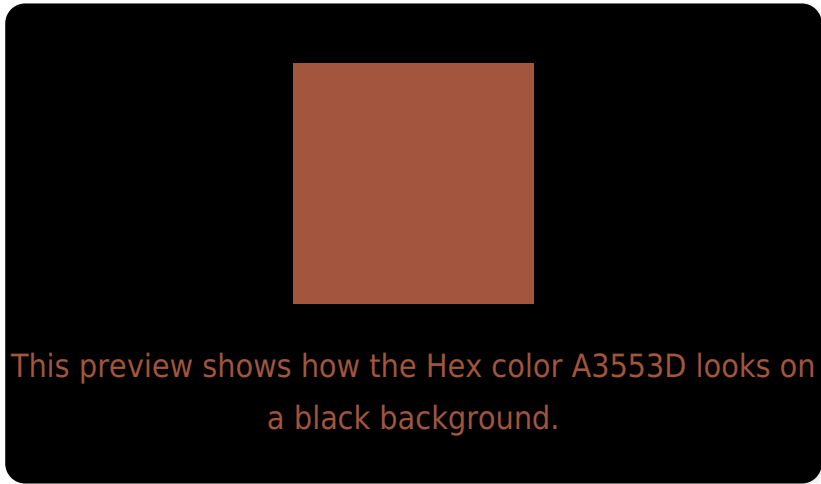
Large Text (above 18pt) WCAG AA ✓ Pass

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 A3553D Background



This preview shows how black text looks on a background with the Hex color A3553D.



This preview shows how white text looks on a background with the Hex color A3553D.

# 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**  
A3553D

**Protanopia**  
756B45

**Deuteranopia**  
83663A



**Tritanopia**  
A55257

# Trichromacy



**Original Color**  
A3553D

**Protanomaly**  
866342

**Deuteranomaly**  
8F603B

**Tritanomaly**  
A4534E

# Monochromacy



**Original Color**  
A3553D

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
7F625A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3553D 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 #A3553D looks like.

```
.text, #text, p{  
    color:#A3553D  
}
```

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 #A3553D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3553D
}
```

## Border

The CSS property to change the border of an element to Hex A3553D 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
#A3553D }
```

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

```
.border{ border-color:#A3553D }
```

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

Here you see how a box with a 4 pixel #A3553D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3553D; -webkit-box-shadow:4px 4px  
4px 4px #A3553D; box-shadow:4px 4px 4px  
4px #A3553D }
```

# Background

The CSS property to change the background color of an element to Hex A3553D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3553D }
```

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

```
.background{ background-color:#A3553D }
```

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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