

# Converting Colors

Hex(A05636)

Have a look what the booklet for  
Hex(A05636) contains.

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**Color**

**Hex(A05636)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A05636
RGB	160, 86, 54
RGB Percent	63%, 34%, 21%
CMY	0.3725, 0.6627, 0.7882
CMYK	0.00, 0.46, 0.66, 0.37
HSL	18°, 50%, 42%
HSV	18°, 66%, 63%
XYZ	18.4908, 14.3955, 5.2941
YIQ	104.4780, 54.3760, 5.7360

# Conversions

## Conversions Part 2

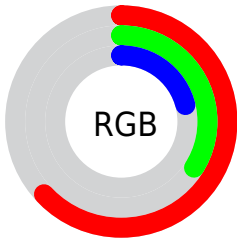
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">160, 100, 54</a>
Decimal	<a href="#">10507830</a>
CIELab	<a href="#">44.79, 27.67, 31.82</a>
CIELCh	<a href="#">45, 42.170, 48.990</a>
Yxy	<a href="#">14.3955, 0.4843, 0.3770</a>
Android (android.graphics.Color)	<a href="#">4288697910 (0xFFA05636)</a>
YUV	<a href="#">104.4780, -24.8857, 48.6928</a>
Hunter-Lab	<a href="#">37.9414, 20.5950, 18.2861</a>

# Details

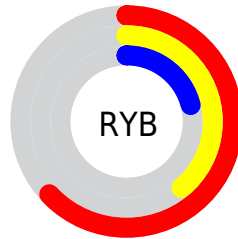
The Hex color **A05636** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3680A0**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **DB8966**, and **672609** is the 20% darker color. If you saturate the color by 10%, you get **A04B26**, and if you desaturate by 10%, it is **A06146**.

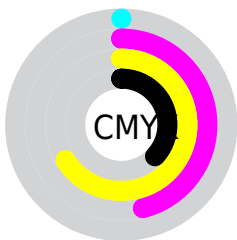
# Distribution



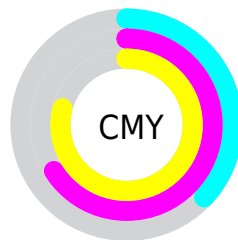
- Red (63%)
- Green (34%)
- Blue (21%)



- Red (63%)
- Yellow (39%)
- Blue (21%)



- Cyan (0%)
- Magenta (46%)
- Yellow (66%)
- Black (37%)



- Cyan (37%)
- Magenta (66%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A05636 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 A05636 by changing the saturation by 10% instead.



 A05636

 A05636

FFFFFF

 833E20

 DB8966

 672609

 F9A37F

 4C0F00

 FFBF99

 320000

 FFDBB4

 0D0000

 FFF8D0

 000000

 FFFFEC

 A05636

 A05636

 A04B26

 A06146

 A04016

 A06C56

 A03406

 A07866

 A03000

 A08376

 A08E86

 A09996

 A0A4A6

 A0AFB6

 A0BBC6

# Harmonies

## Analogous

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



AB4C55



A05636



886422

# Triad

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



A05636



007A5B



5566AD

# Complementary

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



A05636



3680A0

# 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.



0072AF



A05636



007B80

# Square

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



A05636



3E763A



00799E



885798

# Rectangle

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



A05636



736C1F



00799E



3B6AAF



# Sweetspot

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



A05636



D1B4A7



A03680



69574F



E8E8E8



696969



# Same Dimension

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



A05636



D15C2A



A08B36



4F4A47



8F2B00



0F0500



# Inverse Universe

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



3680A0



2A9FD1



364BA0



474D4F



00648F



000B0F



# Previews

## White Background



This preview shows how the Hex color A05636 looks on a white background.

## Color Contrast Check

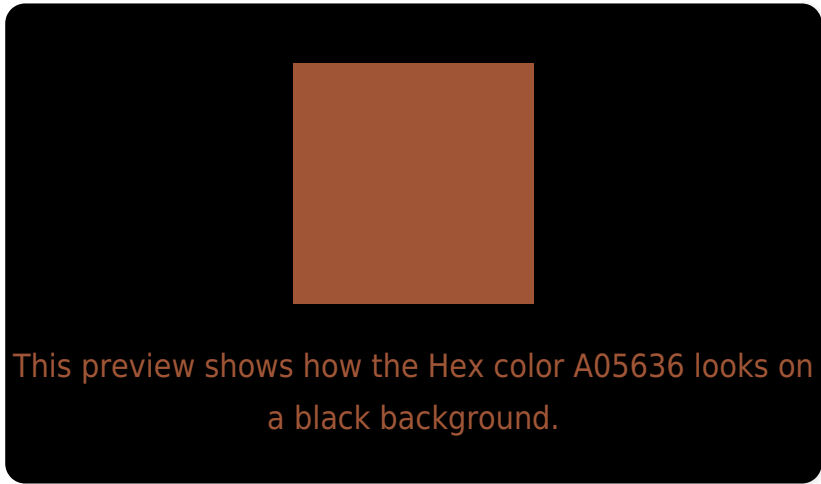
Large Text (above 18pt) WCAG AA ✓ Pass

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

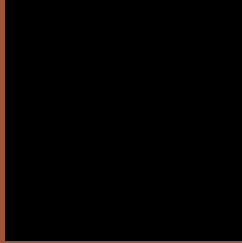
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A05636 Background



This preview shows how black text looks on a background with the Hex color A05636.



This preview shows how white text looks on a background with the Hex color A05636.

# 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**  
A05636

**Protanopia**  
756B3D

**Deuteranopia**  
836533



**Tritanopia**  
A25258

# Trichromacy



**Original Color**  
A05636

**Protanomaly**  
85633A

**Deuteranomaly**  
8E6034

**Tritanomaly**  
A1534C

# Monochromacy



**Original Color**  
A05636

**Achromatopsia**  
686868

**Achromatomaly**  
7C6156

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A05636 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 #A05636 looks like.

```
.text, #text, p{  
    color:#A05636  
}
```

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 #A05636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A05636
}
```

## Border

The CSS property to change the border of an element to Hex A05636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

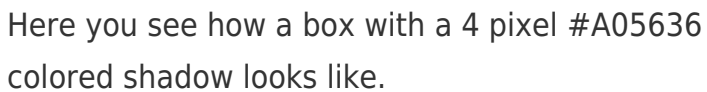
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A05636 }
```

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

```
.border{ border-color:#A05636 }
```

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



Here you see how a box with a 4 pixel #A05636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A05636; -webkit-box-shadow:4px 4px  
4px 4px #A05636; box-shadow:4px 4px 4px  
4px #A05636 }
```

# Background

The CSS property to change the background color of an element to Hex A05636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A05636 }
```

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

```
.background{ background-color:#A05636 }
```

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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