

# Converting Colors

Hex(A1600E)

Have a look what the booklet for  
Hex(A1600E) contains.

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**Color**

**Hex(A1600E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1600E
RGB	161, 96, 14
RGB Percent	63%, 38%, 5%
CMY	0.3686, 0.6235, 0.9451
CMYK	0.00, 0.40, 0.91, 0.37
HSL	33°, 84%, 34%
HSV	33°, 91%, 63%
XYZ	18.9601, 15.9745, 2.4995
YIQ	106.0870, 65.0620, -11.7220

# Conversions

## Conversions Part 2

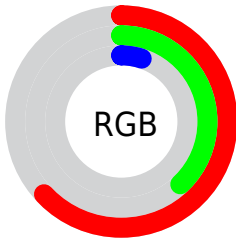
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 161, 14
Decimal	10575886
CIELab	46.94, 20.85, 51.68
CIELCh	47, 55.726, 68.027
Yxy	15.9745, 0.5065, 0.4267
Android (android.graphics.Color)	4288765966 (0xFFA1600E)
YUV	106.0870, -45.3989, 48.1587
Hunter-Lab	39.9681, 14.7326, 24.2698

# Details

The Hex color **A1600E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0E4FA1**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **DD9344**, and **683100** is the 20% darker color. If you saturate the color by 10%, you get **A15A00**, and if you desaturate by 10%, it is **A1671E**.

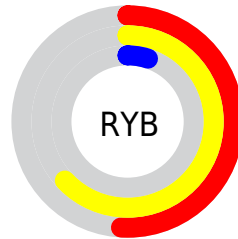
# Distribution



Red (63%)

Green (38%)

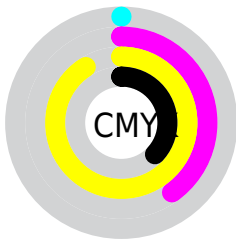
Blue (5%)



Red (51%)

Yellow (63%)

Blue (5%)

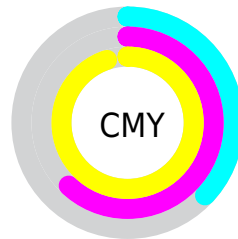


Cyan (0%)

Magenta (40%)

Yellow (91%)

Black (37%)



Cyan (37%)

Magenta (62%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1600E 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 A1600E by changing the saturation by 10% instead.



 A1600E

 A1600E

FFFFFF

 844800

 DD9344

 683100

 FBAD5E

 4B1B00

 FFC978

 310600

 FFE592

 120000

 FFFFAD

 000000

 FFFFC9

 FFFFEE

 A1600E

 A1600E

■ A15A00

■ A1671E

■ A16E2E

■ A1753E

■ A17C4E

■ A1845F

■ A18B6F

■ A1927F

■ A1998F

■ A1A09F

# Harmonies

## Analogous

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



BB4B38



A1600E



7A7100

# Triad

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



A1600E



00857B



805DBA

# Complementary

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



A1600E



0E4FA1

# 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.



0071CD



A1600E



0084A8

# Square

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



A1600E



00834A



007EC6



B14793

# Rectangle

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



A1600E



5A790C



007EC6



6764C3



# Sweetspot

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



A1600E



D1B899



A10E50



695A47



E8E8E8



696969



# Same Dimension

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



A1600E



D17500



9AA10E



524E49



915100



120A00



# Inverse Universe

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



0E4FA1



005CD1



150EA1



494D52



004091

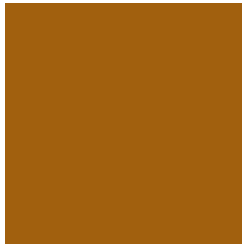


000812



# Previews

## White Background



This preview shows how the Hex color A1600E looks on a white background.

## Color Contrast Check

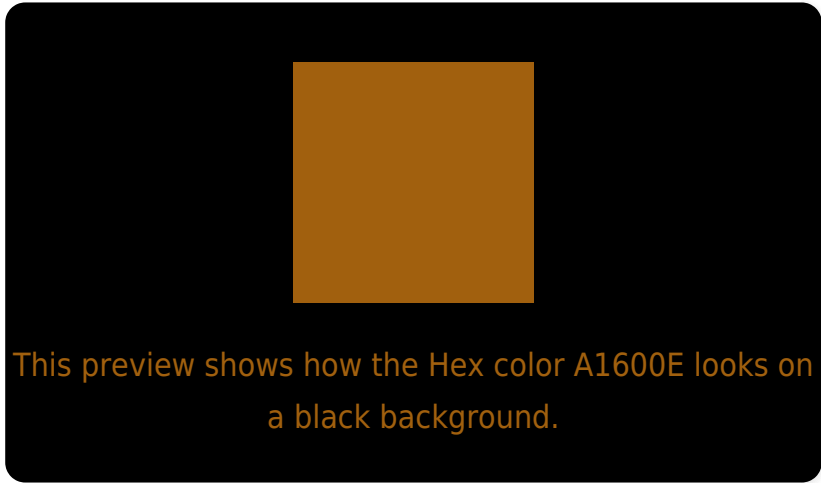
Large Text (above 18pt) WCAG AA ✓ Pass

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 A1600E Background



This preview shows how black text looks on a background with the Hex color A1600E.



This preview shows how white text looks on a background with the Hex color A1600E.

# 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**  
A1600E

**Protanopia**  
7E7013

**Deuteranopia**  
8D6A00

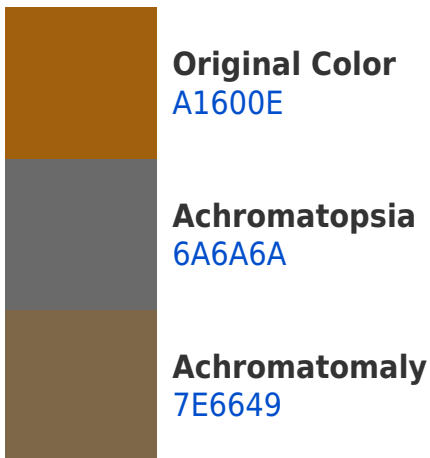


**Tritanopia**  
A45960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1600E 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 #A1600E looks like.

```
.text, #text, p{  
    color:#A1600E  
}
```

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 #A1600E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1600E
}
```

## Border

The CSS property to change the border of an element to Hex A1600E is called "border". The border property can be set on classes, ids or directly on the HTML element.

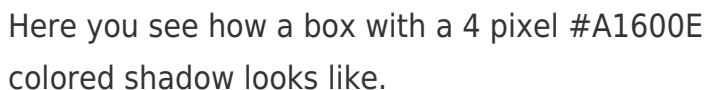
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A1600E }
```

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

```
.border{ border-color:#A1600E }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #A1600E colored shadow looks like." The box is positioned in the middle of the page, below the text "If you want to add a box shadow in that color use:" and above the CSS code block.

Here you see how a box with a 4 pixel #A1600E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1600E; -webkit-box-shadow:4px 4px  
4px 4px #A1600E; box-shadow:4px 4px 4px  
4px #A1600E }
```

# Background

The CSS property to change the background color of an element to Hex A1600E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1600E }
```

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

```
.background{ background-color:#A1600E }
```

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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