

Converting Colors

Hex(A65C00)

Have a look what the booklet for
Hex(A65C00) contains.

Hex(A65C00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A65C00)

Conversions

Conversions Part 1

Format	Color
Hex	A65C00
RGB	166, 92, 0
RGB Percent	65%, 36%, 0%
CMY	0.3490, 0.6392, 1.0000
CMYK	0.00, 0.45, 1.00, 0.35
HSL	33°, 100%, 33%
HSV	33°, 100%, 65%
XYZ	19.5530, 15.7613, 2.0117
YIQ	103.6380, 73.6360, -12.9240

Conversions

Conversions Part 2

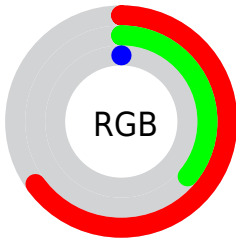
Format	Color
RYB	134, 166, 0
Decimal	10902528
CIELab	46.66, 25.08, 55.16
CIElCh	47, 60.595, 65.552
Yxy	15.7613, 0.5238, 0.4223
Android (android.graphics.Color)	4289092608 (0xFFA65C00)
YUV	103.6380, -51.0935, 54.6915
Hunter-Lab	39.7005, 18.4378, 24.7860

Details

The Hex color **A65C00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **004AA6**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E38F3C**, and **6B2D00** is the 20% darker color. If you saturate the color by 10%, you get **A65C00**, and if you desaturate by 10%, it is **A66311**.

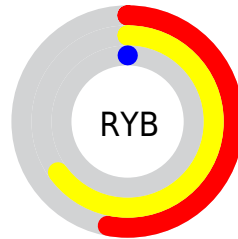
Distribution



Red (65%)

Green (36%)

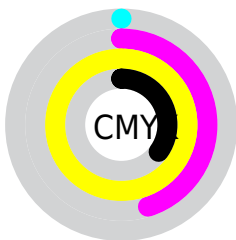
Blue (0%)



Red (53%)

Yellow (65%)

Blue (0%)

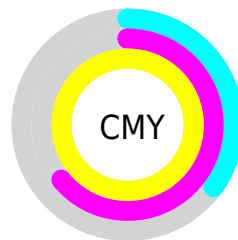


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A65C00 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 A65C00 by changing the saturation by 10% instead.

 A65C00

 A65C00

 FFFFFB

 884400

 E38F3C

 6B2D00

 FFA956

 4F1600

 FFC570

 340100

 FFE18B

 170000

 FFFE6A

 000000

 FFFFC2

 FFFFDE

 A65C00

 A66311

 A66B21

 A67232

 A67A42

 A68153

 A68864

 A69074

 A69785

 A69F95

Harmonies

Analogous

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



C14436



A65C00



7D6F00

Triad

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



A65C00



008577



7A5CC2

Complementary

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



A65C00



004AA6

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.



0072D5



A65C00



0085A9

Square

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



A65C00



008342



007FCB



B2439A

Rectangle

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



A65C00



5B7900



007FCB



5C64CB

Sweetspot

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



A65C00



D9BC98



A6004B



6E5C46



EDEDED



6E6E6E

Same Dimension

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



A65C00



D97800



9EA600



54504C



945200



140B00

Inverse Universe

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



004AA6



0061D9



0800A6



4C4F54



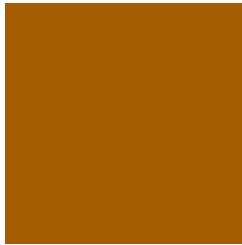
004294



000914

Previews

White Background



This preview shows how the Hex color A65C00 looks on a white background.

Color Contrast Check

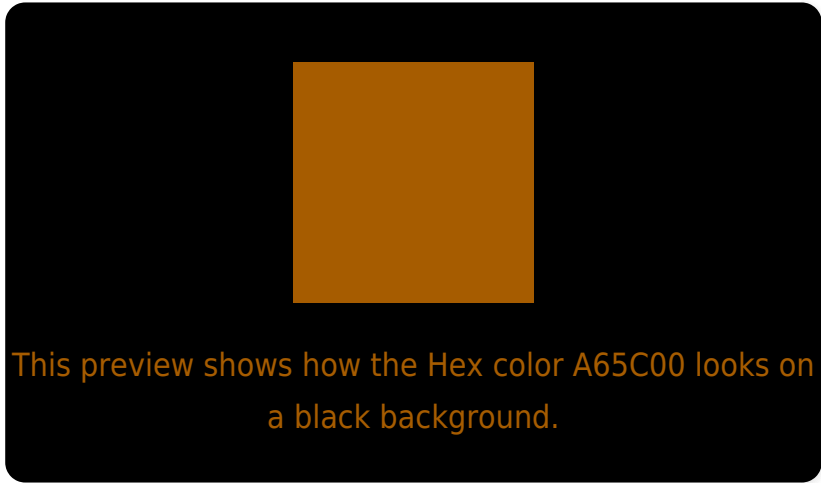
Large Text (above 18pt) WCAG AA ✓ Pass

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 A65C00 Background



This preview shows how black text looks on a background with the Hex color A65C00.



This preview shows how white text looks on a background with the Hex color A65C00.

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
A65C00

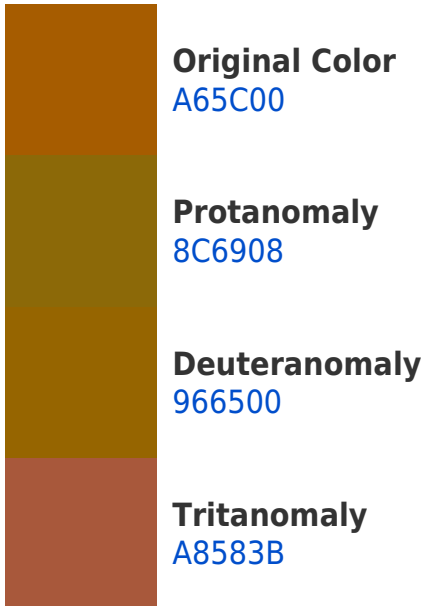
Protanopia
7D700D

Deuteranopia
8D6A00

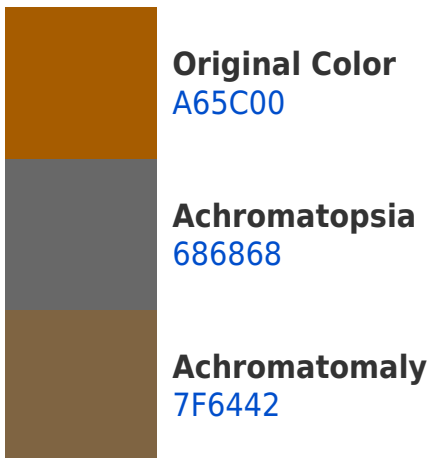


Tritanopia
A9565C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A65C00 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 #A65C00 looks like.

```
.text, #text, p{  
    color:#A65C00  
}
```

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 #A65C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A65C00
}
```

Border

The CSS property to change the border of an element to Hex A65C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

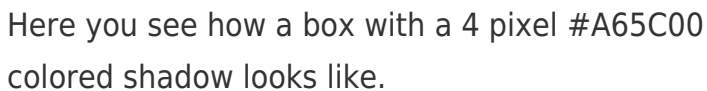
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A65C00 }
```

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

```
.border{ border-color:#A65C00 }
```

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 and a 4px orange shadow. The text inside the box reads: "Here you see how a box with a 4 pixel #A65C00 colored shadow looks like." The shadow is visible on the right and bottom edges of the box.

Here you see how a box with a 4 pixel #A65C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A65C00; -webkit-box-shadow:4px 4px  
4px 4px #A65C00; box-shadow:4px 4px 4px  
4px #A65C00 }
```

Background

The CSS property to change the background color of an element to Hex A65C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A65C00 }
```

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

```
.background{ background-color:#A65C00 }
```

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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