

Converting Colors

Hex(865300)

Have a look what the booklet for
Hex(865300) contains.

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Color

Hex(865300)

Conversions

Conversions Part 1

Format	Color
Hex	865300
RGB	134, 83, 0
RGB Percent	53%, 33%, 0%
CMY	0.4745, 0.6745, 1.0000
CMYK	0.00, 0.38, 1.00, 0.47
HSL	37°, 100%, 26%
HSV	37°, 100%, 53%
XYZ	12.9248, 11.2548, 1.4912
YIQ	88.7870, 57.0390, -15.0010

Conversions

Conversions Part 2

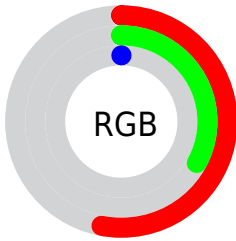
Format	Color
R_YB	82, 134, 0
Decimal	8803072
CIE Lab	40.01, 15.71, 48.71
CIE LCh	40, 51.183, 72.125
Yxy	11.2548, 0.5035, 0.4384
Android (android.graphics.Color)	4286993152 (0xFF865300)
YUV	88.7870, -43.7720, 39.6518
Hunter-Lab	33.5482, 10.0594, 20.8484

Details

The Hex color **865300** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003386**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **C08538**, and **4E2600** is the 20% darker color. If you saturate the color by 10%, you get **865300**, and if you desaturate by 10%, it is **86580D**.

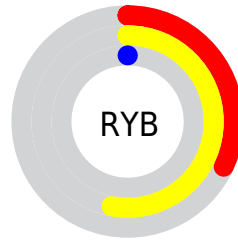
Distribution



Red (53%)

Green (33%)

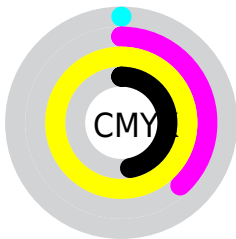
Blue (0%)



Red (32%)

Yellow (53%)

Blue (0%)

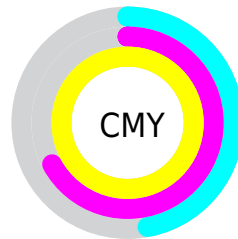


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 865300 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 865300 by changing the saturation by 10% instead.

 865300

 865300

 FFFFF5

 6A3C00

 C08538

 4E2600

 DE9F52

 341100

 FCBA6B

 1D0001

 FFD585

 000000

 FFF2A0

 FFFFBC

 FFFF80

 865300

 86580D

 865D1B

 866228

 866736

 866D43

 867250

 86775E

 867C6B

 868179

Harmonies

Analogous

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



9F4028



865300



626200

Triad

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



865300



00716F



754B9D

Complementary

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



865300



003386

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.



165EB1



865300



007096

Square

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



865300



007043



006AAE



9C3879

Rectangle

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



865300



456809



006AAE



6152A6

Sweetspot

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



865300



AD9A79



860033



574B37



D6D6D6



575757

Same Dimension

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



865300



AD6B00



768600



42403C



825100



030200

Inverse Universe

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



003386



0042AD



100086



3C3E42



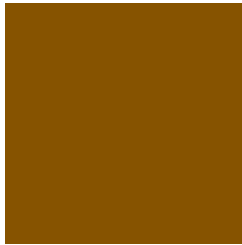
003182



000103

Previews

White Background



This preview shows how the Hex color 865300 looks on a white background.

Color Contrast Check

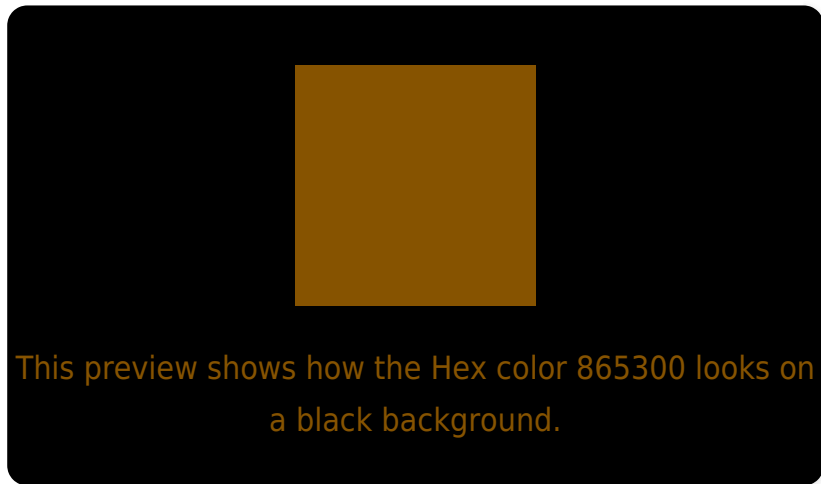
Large Text (above 18pt) WCAG AA ✓ Pass

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 865300 Background



This preview shows how black text looks on a background with the Hex color 865300.



This preview shows how white text looks on a background with the Hex color 865300.

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
865300

Protanopia
6B5F0A

Deuteranopia
785A00



Tritanopia
894D53

Trichromacy



Original Color
865300

Protanomaly
755B06

Deuteranomaly
7D5700

Tritanomaly
884F35

Monochromacy



Original Color
865300

Achromatopsia
595959

Achromatomaly
695739

CSS Examples

Text

The CSS property to change the color of the text to Hex 865300 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 #865300 looks like.

```
.text, #text, p{  
    color:#865300  
}
```

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 #865300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865300
}
```

Border

The CSS property to change the border of an element to Hex 865300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

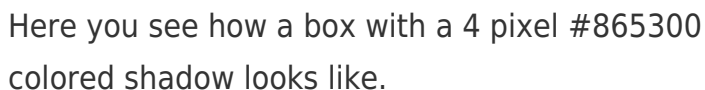
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#865300 }
```

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

```
.border{ border-color:#865300 }
```

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



Here you see how a box with a 4 pixel #865300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865300; -webkit-box-shadow:4px 4px  
4px 4px #865300; box-shadow:4px 4px 4px  
4px #865300 }
```

Background

The CSS property to change the background color of an element to Hex 865300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865300 }
```

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

```
.background{ background-color:#865300 }
```

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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