

Converting Colors

Hex(965E30)

Have a look what the booklet for
Hex(965E30) contains.

Hex(965E30)	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(965E30)

Conversions

Conversions Part 1

Format	Color
Hex	965E30
RGB	150, 94, 48
RGB Percent	59%, 37%, 19%
CMY	0.4118, 0.6314, 0.8118
CMYK	0.00, 0.37, 0.68, 0.41
HSL	27°, 52%, 39%
HSV	27°, 68%, 59%
XYZ	17.1139, 14.7028, 4.7322
YIQ	105.5000, 48.1420, -2.4340

Conversions

Conversions Part 2

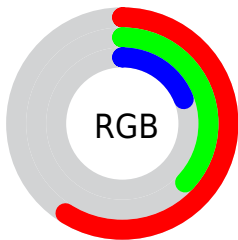
Format	Color
R_{YB}	150, 132, 48
Decimal	9854512
CIE Lab	45.22, 18.44, 35.24
CIE LCh	45, 39.775, 62.377
Yxy	14.7028, 0.4682, 0.4023
Android (android.graphics.Color)	4288044592 (0xFF965E30)
YUV	105.5000, -28.3475, 39.0265
Hunter-Lab	38.3443, 12.5659, 19.5238

Details

The Hex color **965E30** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **306896**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D09160**, and **5F2F00** is the 20% darker color. If you saturate the color by 10%, you get **965621**, and if you desaturate by 10%, it is **96663F**.

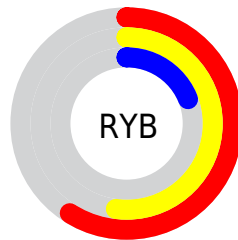
Distribution



Red (59%)

Green (37%)

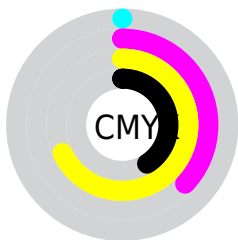
Blue (19%)



Red (59%)

Yellow (52%)

Blue (19%)

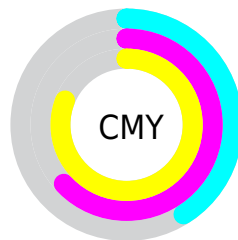


Cyan (0%)

Magenta (37%)

Yellow (68%)

Black (41%)



Cyan (41%)

Magenta (63%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 965E30 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 965E30 by changing the saturation by 10% instead.

 965E30

 965E30

FFFFFF

 7A4619

 D09160

 5F2F00

 EDAB79

 441A00

 FFC793

 2B0400

 FFE3AE

 000000

 FFFFCA

 FFFF66

 965E30

 965E30

 965621

 96663F

■ 964E12

■ 966E4E

■ 964503

■ 96775D

■ 964400

■ 967F6C

■ 96877B

■ 968F8A

■ 969899

■ 96A0A8

■ 96A8B7

Harmonies

Analogous

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



A65249



965E30



7B6A25

Triad

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



965E30



007B6D



7061A3

Complementary

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



965E30



306896

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.



2E6EAD



965E30



007B8E

Square

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



965E30



2B794B



0076A5



96548A

Rectangle

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



965E30



65712A



0076A5



5F66A8

Sweetspot

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



965E30



C2AD9B



963068



61544A



E0E0E0



616161

Same Dimension

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



965E30



C26B23



969130



4A4643



8A3E00



0A0500

Inverse Universe

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



306896



237AC2



303596



43474A



004C8A



00060A

Previews

White Background



This preview shows how the Hex color 965E30 looks on a white background.

Color Contrast Check

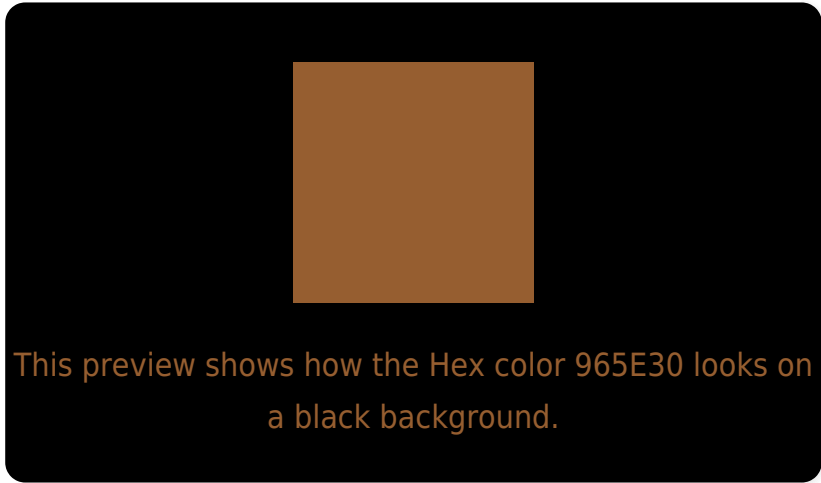
Large Text (above 18pt) WCAG AA ✓ Pass

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 965E30 Background



This preview shows how black text looks on a background with the Hex color 965E30.



This preview shows how white text looks on a background with the Hex color 965E30.

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
965E30

Protanopia
776C34

Deuteranopia
85662E



Tritanopia
99595F

Trichromacy



Original Color
965E30

Protanomaly
826733

Deuteranomaly
8B632F

Tritanomaly
985B4E

Monochromacy



Original Color
965E30

Achromatopsia
6A6A6A

Achromatomaly
7A6655

CSS Examples

Text

The CSS property to change the color of the text to Hex 965E30 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 #965E30 looks like.

```
.text, #text, p{  
    color:#965E30  
}
```

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 #965E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #965E30
}
```

Border

The CSS property to change the border of an element to Hex 965E30 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
#965E30 }
```

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

```
.border{ border-color:#965E30 }
```

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

Here you see how a box with a 4 pixel #965E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #965E30; -webkit-box-shadow:4px 4px  
4px 4px #965E30; box-shadow:4px 4px 4px  
4px #965E30 }
```

Background

The CSS property to change the background color of an element to Hex 965E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#965E30 }
```

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

```
.background{ background-color:#965E30 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor