

Converting Colors

Hex(965D36)

Have a look what the booklet for
Hex(965D36) contains.

Hex(965D36)	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(965D36)

Conversions

Conversions Part 1

Format	Color
Hex	965D36
RGB	150, 93, 54
RGB Percent	59%, 36%, 21%
CMY	0.4118, 0.6353, 0.7882
CMYK	0.00, 0.38, 0.64, 0.41
HSL	24°, 47%, 40%
HSV	24°, 64%, 59%
XYZ	17.1579, 14.5791, 5.3998
YIQ	105.5970, 46.4910, -0.0450

Conversions

Conversions Part 2

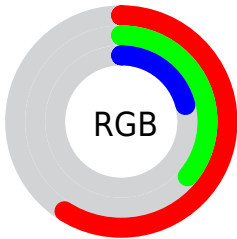
Format	Color
RYB	150, 120, 54
Decimal	9854262
CIELab	45.05, 19.43, 31.78
CIELCh	45, 37.249, 58.566
Yxy	14.5791, 0.4620, 0.3926
Android (android.graphics.Color)	4288044342 (0xFF965D36)
YUV	105.5970, -25.4373, 38.9414
Hunter-Lab	38.1826, 13.3921, 18.3430

Details

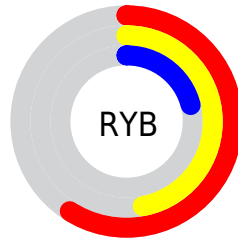
The Hex color **965D36** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **366F96**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **CF9066**, and **5F2E09** is the 20% darker color. If you saturate the color by 10%, you get **965427**, and if you desaturate by 10%, it is **966645**.

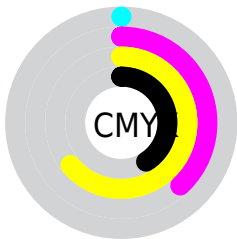
Distribution



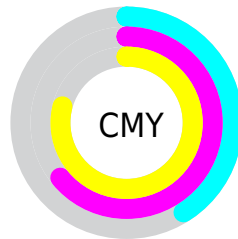
- Red (59%)
- Green (36%)
- Blue (21%)



- Red (59%)
- Yellow (47%)
- Blue (21%)



- Cyan (0%)
- Magenta (38%)
- Yellow (64%)
- Black (41%)



- Cyan (41%)
- Magenta (64%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 965D36 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 965D36 by changing the saturation by 10% instead.

 965D36

 965D36

FFFFFF

 7A451F

 CF9066

 5F2E09

 EDAA7F

 451900

 FFC699

 2B0200

 FFE2B4

 000000

 FFFED0

 FFFFED

 965D36

 965D36

 965427

 966645

■ 964B18

■ 966F54

■ 964209

■ 967863

■ 963D00

■ 968172

■ 968A81

■ 969290

■ 969B9F

■ 96A4AE

■ 96ADBD

Harmonies

Analogous

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



A3534F



965D36



7E682A

Triad

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



965D36



007A68



6A63A1

Complementary

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



965D36



366F96

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.



2B6EA9



965D36



007A87

Square

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



965D36



377749



00769F



8F578B

Rectangle

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



965D36



6A6F2D



00769F



5967A5

Sweetspot

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



965D36



C2AC9D



963670



61544B



E0E0E0



616161

Same Dimension

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



965D36



C2692D



968C36



4A4643



8A3800



0A0400

Inverse Universe

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



366F96



2D85C2



364096



43474A



00528A



00060A

Previews

White Background



This preview shows how the Hex color 965D36 looks on a white background.

Color Contrast Check

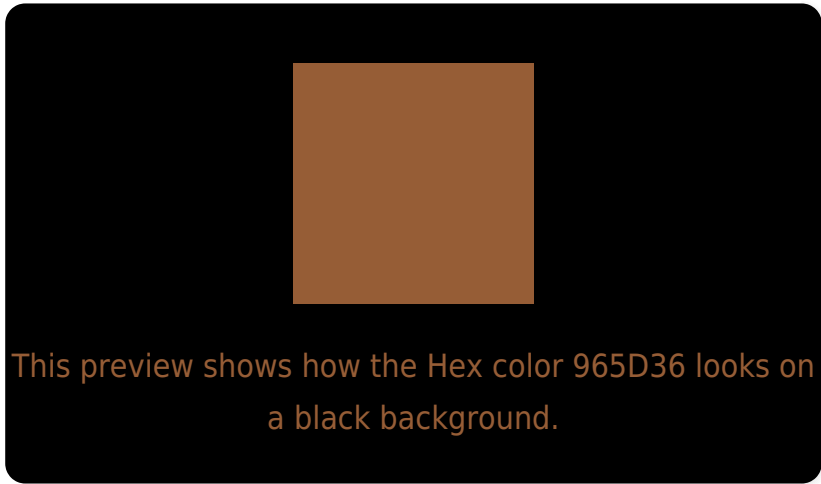
Large Text (above 18pt) WCAG AA ✓ Pass

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

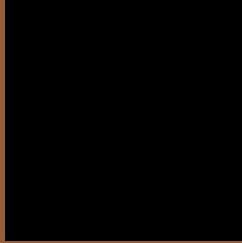
Any Text WCAG AA × Fail

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 965D36 Background



This preview shows how black text looks on a background with the Hex color 965D36.



This preview shows how white text looks on a background with the Hex color 965D36.

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
965D36

Protanopia
766B3B

Deuteranopia
846634



Tritanopia
99585F

Trichromacy



Original Color
965D36

Protanomaly
826639

Deuteranomaly
8B6335

Tritanomaly
985A50

Monochromacy



Original Color
965D36

Achromatopsia
6A6A6A

Achromatomaly
7A6557

CSS Examples

Text

The CSS property to change the color of the text to Hex 965D36 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 #965D36 looks like.

```
.text, #text, p{  
    color:#965D36  
}
```

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 #965D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #965D36
}
```

Border

The CSS property to change the border of an element to Hex 965D36 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
#965D36 }
```

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

```
.border{ border-color:#965D36 }
```

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

Here you see how a box with a 4 pixel #965D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #965D36; -webkit-box-shadow:4px 4px  
4px 4px #965D36; box-shadow:4px 4px 4px  
4px #965D36 }
```

Background

The CSS property to change the background color of an element to Hex 965D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#965D36 }
```

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

```
.background{ background-color:#965D36 }
```

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