

Converting Colors

Hex(945F17)

Have a look what the booklet for
Hex(945F17) contains.

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Color

Hex(945F17)

Conversions

Conversions Part 1

Format	Color
Hex	945F17
RGB	148, 95, 23
RGB Percent	58%, 37%, 9%
CMY	0.4196, 0.6275, 0.9098
CMYK	0.00, 0.36, 0.84, 0.42
HSL	35°, 73%, 34%
HSV	35°, 84%, 58%
XYZ	16.4596, 14.5422, 2.7500
YIQ	102.6390, 54.7000, -11.1560

Conversions

Conversions Part 2

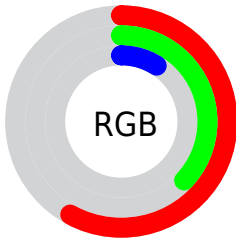
Format	Color
RYB	115, 148, 23
Decimal	9723671
CIELab	45.00, 15.76, 46.49
CIElCh	45, 49.093, 71.273
Yxy	14.5422, 0.4877, 0.4309
Android (android.graphics.Color)	4287913751 (0xFF945F17)
YUV	102.6390, -39.2620, 39.7816
Hunter-Lab	38.1342, 10.3099, 22.4183

Details

The Hex color **945F17** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **174C94**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **CE9149**, and **5C3100** is the 20% darker color. If you saturate the color by 10%, you get **945908**, and if you desaturate by 10%, it is **946526**.

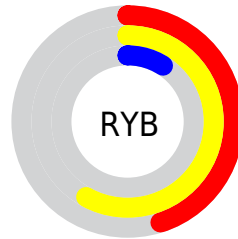
Distribution



Red (58%)

Green (37%)

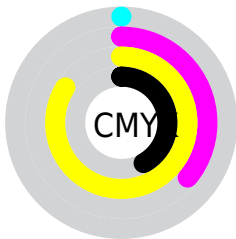
Blue (9%)



Red (45%)

Yellow (58%)

Blue (9%)

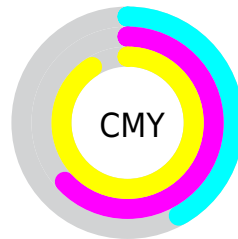


Cyan (0%)

Magenta (36%)

Yellow (84%)

Black (42%)



Cyan (42%)

Magenta (63%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 945F17 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 945F17 by changing the saturation by 10% instead.

 945F17

 945F17

FFFFFF

 784700

 CE9149

 5C3100

 ECAC63

 411B00

 FFC77D

 280500

 FFE397

 000000

 FFFFB2

 FFFFCE

 FFFFEB

 945F17

 945F17

■ 945908

■ 946526

■ 945500

■ 946C35

■ 947243

■ 947852

■ 947E61

■ 948570

■ 948B7F

■ 94918D

■ 94979C

Harmonies

Analogous

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



AC4E36



945F17



716D0D

Triad

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



945F17



007E79



8059A8

Complementary

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



945F17



174C94

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.



316ABB



945F17



007CA0

Square

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



945F17



007C4F



0076B8



A74886

Rectangle

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



945F17



54741D



0076B8



6D5FB1

Sweetspot

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



945F17



BFAB8F



94174D



615544



E0E0E0



616161

Same Dimension

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



945F17



BF6E00



8C9417



4A4743



8A4F00



0A0600

Inverse Universe

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



174C94



0051BF



1F1794



43464A



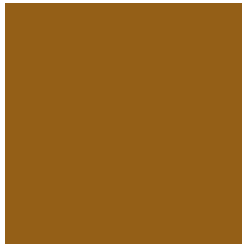
003A8A



00040A

Previews

White Background



This preview shows how the Hex color 945F17 looks on a white background.

Color Contrast Check

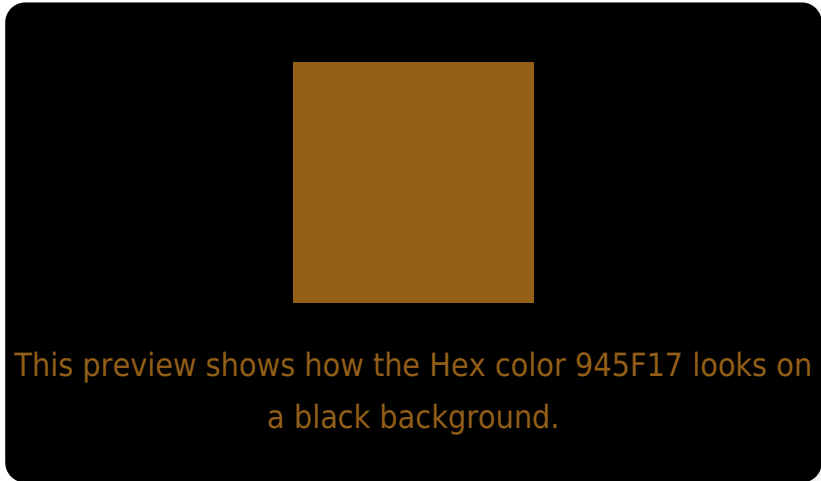
Large Text (above 18pt) WCAG AA ✓ Pass

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

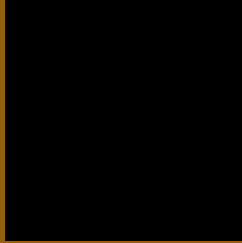
Any Text WCAG AA × Fail

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 945F17 Background



This preview shows how black text looks on a background with the Hex color 945F17.



This preview shows how white text looks on a background with the Hex color 945F17.

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
945F17

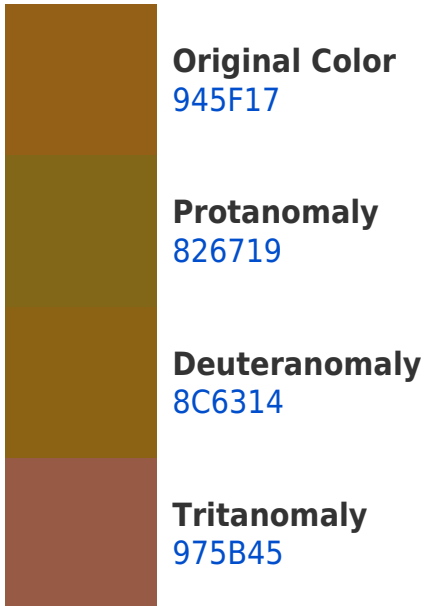
Protanopia
786B1A

Deuteranopia
876513

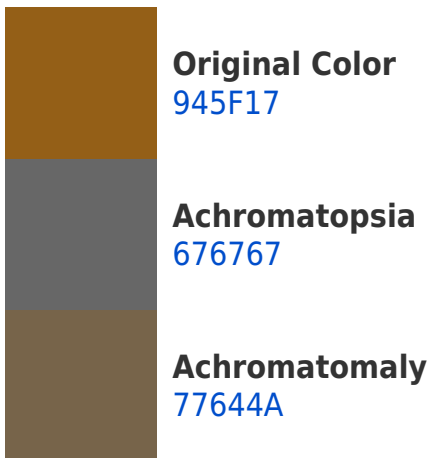


Tritanopia
98595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 945F17 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 #945F17 looks like.

```
.text, #text, p{  
    color:#945F17  
}
```

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 #945F17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945F17
}
```

Border

The CSS property to change the border of an element to Hex 945F17 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
#945F17 }
```

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

```
.border{ border-color:#945F17 }
```

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

Here you see how a box with a 4 pixel #945F17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945F17; -webkit-box-shadow:4px 4px  
4px 4px #945F17; box-shadow:4px 4px 4px  
4px #945F17 }
```

Background

The CSS property to change the background color of an element to Hex 945F17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945F17 }
```

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

```
.background{ background-color:#945F17 }
```

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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