

Converting Colors

Hex(942610)

Have a look what the booklet for
Hex(942610) contains.

Hex(942610)	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(942610)

Conversions

Conversions Part 1

Format	Color
Hex	942610
RGB	148, 38, 16
RGB Percent	58%, 15%, 6%
CMY	0.4196, 0.8510, 0.9373
CMYK	0.00, 0.74, 0.89, 0.42
HSL	10°, 80%, 32%
HSV	10°, 89%, 58%
XYZ	12.9994, 7.7195, 1.2951
YIQ	68.3820, 72.6220, 16.4780

Conversions

Conversions Part 2

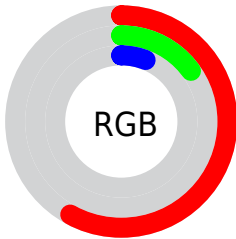
Format	Color
R_{YB}	148, 42, 16
Decimal	9709072
CIE _{Lab}	33.39, 44.72, 39.50
CIE _{LCh}	33, 59.666, 41.460
Yxy	7.7195, 0.5905, 0.3507
Android (android.graphics.Color)	4287899152 (0xFF942610)
YUV	68.3820, -25.8243, 69.8250
Hunter-Lab	27.7841, 34.8931, 16.6852

Details

The Hex color **942610** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **107E94**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **D15B3E**, and **590000** is the 20% darker color. If you saturate the color by 10%, you get **941A01**, and if you desaturate by 10%, it is **94321F**.

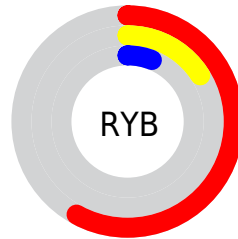
Distribution



Red (58%)

Green (15%)

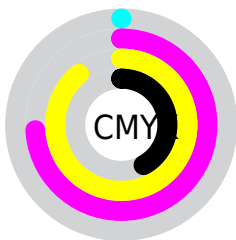
Blue (6%)



Red (58%)

Yellow (16%)

Blue (6%)

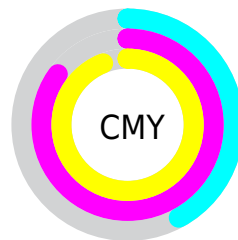


Cyan (0%)

Magenta (74%)

Yellow (89%)

Black (42%)



Cyan (42%)

Magenta (85%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 942610 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 942610 by changing the saturation by 10% instead.

 942610

 942610

 FFFFF6

 760300

 D15B3E

 590000

 F07656

 3D0000

 FF916E

 1E0001

 FFAC88

 000000

 FFC8A3

 FFE5BE

 FFFFDA

 942610

 942610

■ 941A01

■ 94321F

■ 941900

■ 943F2E

■ 944B3C

■ 94574B

■ 94645A

■ 947069

■ 947C78

■ 948986

■ 949595

Harmonies

Analogous

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



9F003F



942610



784100

Triad

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



942610



00612E



004FAD

Complementary

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



942610



107E94

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.



005CA9



942610



006260

Square

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



942610



105C00



00618D



653796

Rectangle

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



942610



5F4E00



00618D



0054AE

Sweetspot

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



942610



BF948C



94107E



614742



E0E0E0



616161

Same Dimension

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



942610



BF2000



946810



4A4443



8A1700



0A0200

Inverse Universe

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



107E94



009FBF



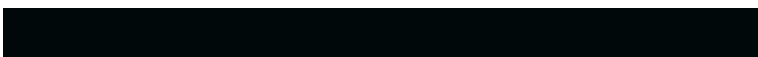
103C94



43494A



00738A



00080A

Previews

White Background



This preview shows how the Hex color 942610 looks on a white background.

Color Contrast Check

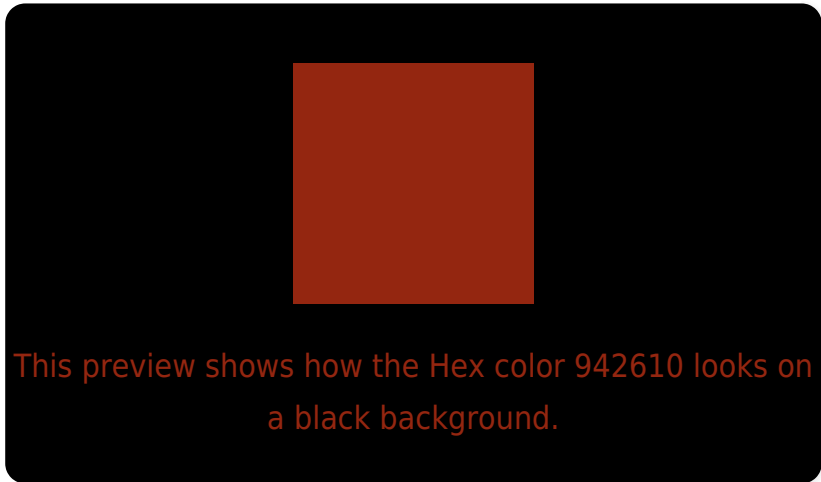
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

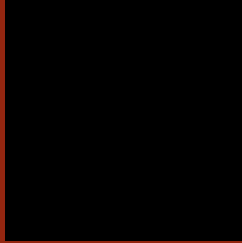
Any Text WCAG AA × Fail

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 942610 Background



This preview shows how black text looks on a background with the Hex color 942610.



This preview shows how white text looks on a background with the Hex color 942610.

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

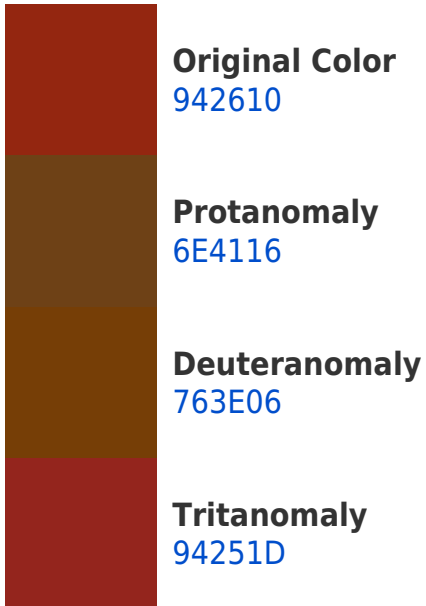


Original Color
942610

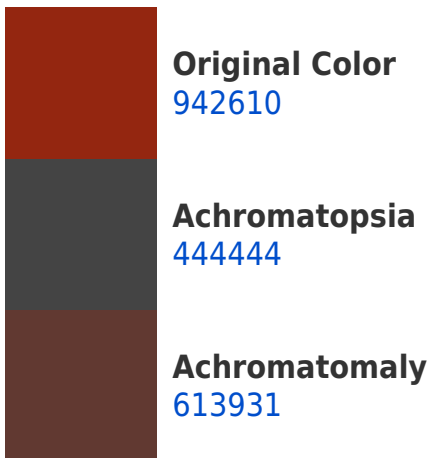
Protanopia
59501A

Deuteranopia
654C00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 942610 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 #942610 looks like.

```
.text, #text, p{  
    color:#942610  
}
```

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 #942610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #942610
}
```

Border

The CSS property to change the border of an element to Hex 942610 is called "border". The border property can be set on classes, ids or directly on the HTML element.

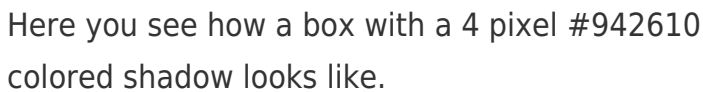
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#942610 }
```

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

```
.border{ border-color:#942610 }
```

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



Here you see how a box with a 4 pixel #942610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #942610; -webkit-box-shadow:4px 4px  
4px 4px #942610; box-shadow:4px 4px 4px  
4px #942610 }
```

Background

The CSS property to change the background color of an element to Hex 942610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#942610 }
```

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

```
.background{ background-color:#942610 }
```

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