

Converting Colors

Hex(950E21)

Have a look what the booklet for
Hex(950E21) contains.

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Color

Hex(950E21)

Conversions

Conversions Part 1

Format	Color
Hex	950E21
RGB	149, 14, 33
RGB Percent	58%, 5%, 13%
CMY	0.4157, 0.9451, 0.8706
CMYK	0.00, 0.91, 0.78, 0.42
HSL	352°, 83%, 32%
HSV	352°, 91%, 58%
XYZ	12.8260, 6.8134, 2.0780
YIQ	56.5310, 74.3610, 34.5290

Conversions

Conversions Part 2

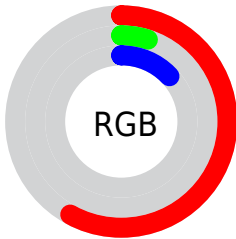
Format	Color
R_{YB}	149, 14, 33
Decimal	9768481
CIE _{Lab}	31.38, 52.24, 28.24
CIE _{LCh}	31, 59.387, 28.393
Yxy	6.8134, 0.5906, 0.3137
Android (android.graphics.Color)	4287958561 (0xFF950E21)
YUV	56.5310, -11.6008, 81.0953
Hunter-Lab	26.1026, 42.0298, 13.5519

Details

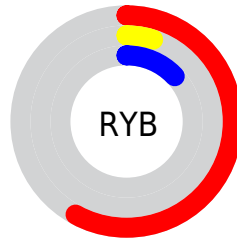
The Hex color **950E21** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0E9582**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **D24D4D**, and **5A0000** is the 20% darker color. If you saturate the color by 10%, you get **950015**, and if you desaturate by 10%, it is **951D2E**.

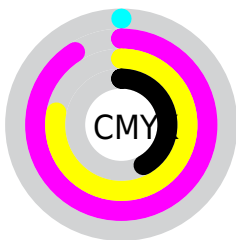
Distribution



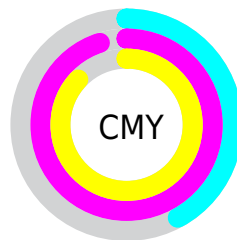
- Red (58%)
- Green (5%)
- Blue (13%)



- Red (58%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (91%)
- Yellow (78%)
- Black (42%)



- Cyan (42%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 950E21 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 950E21 by changing the saturation by 10% instead.

 950E21

 950E21

FFFFFF

 77000C

 D24D4D

 5A0000

 F16965

 3E0002

 FF847E

 1C0001

 FFA098

 000000

 FFBCB3

 FFD9CF

 FFF6EB

 950E21

 950E21

■ 950015

■ 951D2E

■ 952C3B

■ 953B47

■ 954A54

■ 955961

■ 95676E

■ 95767B

■ 958587

■ 959494

Harmonies

Analogous

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



96004E



950E21



803200

Triad

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



950E21



005A12



0051A8

Complementary

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



950E21



0E9582

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.



005A9A



950E21



005D46

Square

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



950E21



2F5400



005D75



3A3E9D

Rectangle

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



950E21



6A4100



005D75



0055A6

Sweetspot

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



950E21



C28D95



810E95



614246



E0E0E0



616161

Same Dimension

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



950E21



C2001B



953D0E



4A4344



8A0013



0A0001

Inverse Universe

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



950E21



C2001B



0E6695



4A4344



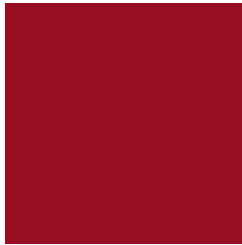
8A0013



0A0001

Previews

White Background



This preview shows how the Hex color 950E21 looks on a white background.

Color Contrast Check

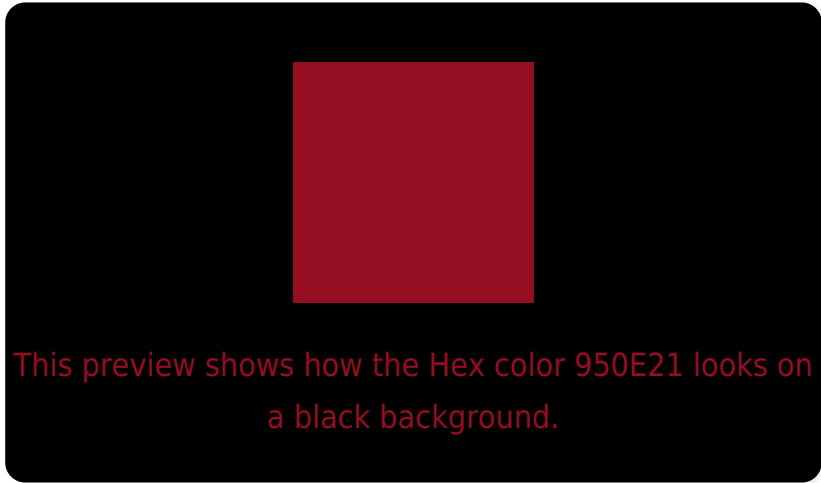
Large Text (above 18pt) WCAG AA ✓ Pass

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 950E21 Background



This preview shows how black text looks on a background with the Hex color 950E21.

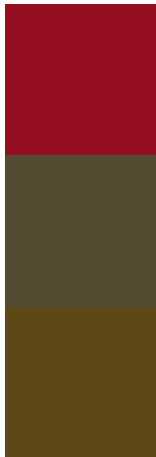


This preview shows how white text looks on a background with the Hex color 950E21.

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
950E21

Protanopia
534C32

Deuteranopia
5F4817

Trichromacy



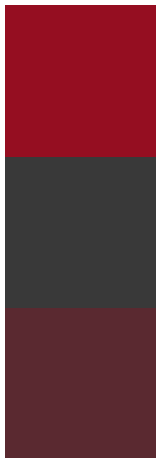
Original Color
950E21

Protanomaly
6B352C

Deuteranomaly
73331B

Tritanomaly
951116

Monochromacy



Original Color
950E21

Achromatopsia
393939

Achromatomaly
5A2930

CSS Examples

Text

The CSS property to change the color of the text to Hex 950E21 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 #950E21 looks like.

```
.text, #text, p{  
    color:#950E21  
}
```

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 #950E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #950E21  
}
```

Border

The CSS property to change the border of an element to Hex 950E21 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".

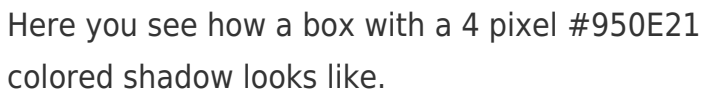
```
.border, #border, table{ border:4px solid  
#950E21 }
```

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

```
.border{ border-color:#950E21 }
```

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

Here you see how a box with a 4 pixel #950E21 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #950E21; -webkit-box-shadow:4px 4px  
4px 4px #950E21; box-shadow:4px 4px 4px  
4px #950E21 }
```

Background

The CSS property to change the background color of an element to Hex 950E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#950E21 }
```

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

```
.background{ background-color:#950E21 }
```

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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