

Converting Colors

Hex(952020)

Have a look what the booklet for
Hex(952020) contains.

Hex(952020)	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(952020)

Conversions

Conversions Part 1

Format	Color
Hex	952020
RGB	149, 32, 32
RGB Percent	58%, 13%, 13%
CMY	0.4157, 0.8745, 0.8745
CMYK	0.00, 0.79, 0.79, 0.42
HSL	0°, 65%, 35%
HSV	0°, 79%, 58%
XYZ	13.1716, 7.5269, 2.1251
YIQ	66.9830, 69.7320, 24.8040

Conversions

Conversions Part 2

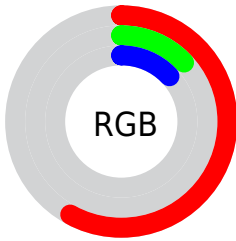
Format	Color
R_{YB}	149, 32, 32
Decimal	9773088
CIE _{Lab}	32.98, 47.63, 30.60
CIE _{LCh}	33, 56.614, 32.713
Yxy	7.5269, 0.5771, 0.3298
Android (android.graphics.Color)	4287963168 (0xFF952020)
YUV	66.9830, -17.2466, 71.9289
Hunter-Lab	27.4351, 37.6866, 14.6120

Details

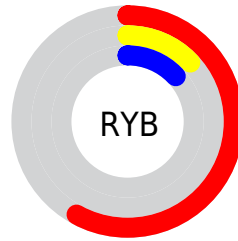
The Hex color **952020** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **209595**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **D2574D**, and **5A0000** is the 20% darker color. If you saturate the color by 10%, you get **951111**, and if you desaturate by 10%, it is **952F2F**.

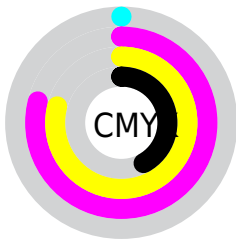
Distribution



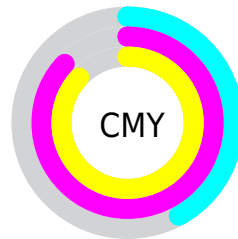
- Red (58%)
- Green (13%)
- Blue (13%)



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



- Cyan (0%)
- Magenta (79%)
- Yellow (79%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 952020 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 952020 by changing the saturation by 10% instead.

 952020

 952020

FFFFFF

 77000A

 D2574D

 5A0000

 F07265

 3E0001

 FF8D7E

 1F0001

 FFA998

 000000

 FFC5B3

 FFE2CE

 FFFFEB

 952020

 952020

 951111

 952F2F

 950202

 953E3E

 950000

 954D4D

 955C5C

 956A6A

 957979

 958888

 959797

 95A6A6

Harmonies

Analogous

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



990A4C



952020



7E3B00

Triad

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



952020



005E21



0052A8

Complementary

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



952020



209595

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.



005D9D



952020



006051

Square

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



952020



2D5800



00607D



4E3F9A

Rectangle

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



952020



694800



00607D



0057A7

Sweetspot

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



952020



C29393



952095



614545



E0E0E0



616161

Same Dimension

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



952020



C20C0C



955B20



4A4343



8A0000



0A0000

Inverse Universe

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



209595



0CC2C2



205B95



434A4A



008A8A



000A0A

Previews

White Background



This preview shows how the Hex color 952020 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 952020 Background



This preview shows how black text looks on a background with the Hex color 952020.



This preview shows how white text looks on a background with the Hex color 952020.

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
952020

Protanopia
574F2E

Deuteranopia
634B17

Trichromacy



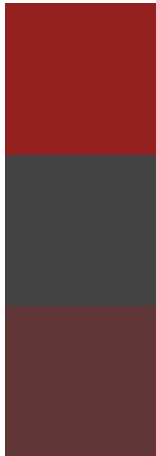
Original Color
952020

Protanomaly
6E3E29

Deuteranomaly
753B1A

Tritanomaly
952020

Monochromacy



Original Color
952020

Achromatopsia
434343

Achromatomaly
613636

CSS Examples

Text

The CSS property to change the color of the text to Hex 952020 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 #952020 looks like.

```
.text, #text, p{  
    color:#952020  
}
```

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 #952020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #952020
}
```

Border

The CSS property to change the border of an element to Hex 952020 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".

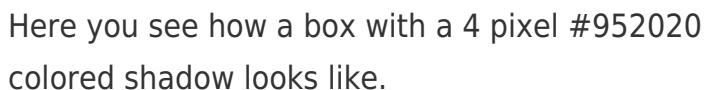
```
.border, #border, table{ border:4px solid
#952020 }
```

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

```
.border{ border-color:#952020 }
```

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

Here you see how a box with a 4 pixel #952020 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #952020 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #952020; -webkit-box-shadow:4px 4px  
4px 4px #952020; box-shadow:4px 4px 4px  
4px #952020 }
```

Background

The CSS property to change the background color of an element to Hex 952020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#952020 }
```

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

```
.background{ background-color:#952020 }
```

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