

Converting Colors

Hex(90200F)

Have a look what the booklet for
Hex(90200F) contains.

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Color

Hex(90200F)

Conversions

Conversions Part 1

Format	Color
Hex	90200F
RGB	144, 32, 15
RGB Percent	56%, 13%, 6%
CMY	0.4353, 0.8745, 0.9412
CMYK	0.00, 0.78, 0.90, 0.44
HSL	8°, 81%, 31%
HSV	8°, 90%, 56%
XYZ	12.1043, 6.9968, 1.1645
YIQ	63.5500, 72.2090, 18.4570

Conversions

Conversions Part 2

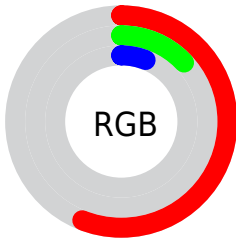
Format	Color
R_{YB}	144, 35, 15
Decimal	9445391
CIE Lab	31.80, 45.52, 38.35
CIE LCh	32, 59.524, 40.110
Yxy	6.9968, 0.5973, 0.3453
Android (android.graphics.Color)	4287635471 (0xFF90200F)
YUV	63.5500, -23.9351, 70.5547
Hunter-Lab	26.4515, 35.3925, 15.9059

Details

The Hex color **90200F** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0F7F90**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **CD563C**, and **550000** is the 20% darker color. If you saturate the color by 10%, you get **901301**, and if you desaturate by 10%, it is **902D1D**.

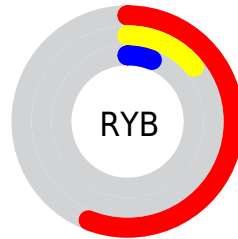
Distribution



Red (56%)

Green (13%)

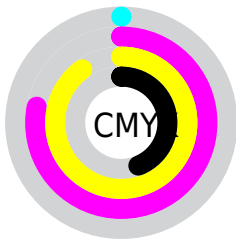
Blue (6%)



Red (56%)

Yellow (14%)

Blue (6%)

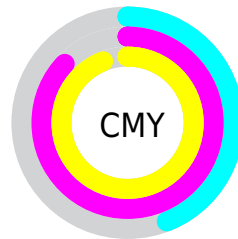


Cyan (0%)

Magenta (78%)

Yellow (90%)

Black (44%)



Cyan (44%)

Magenta (87%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90200F 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 90200F by changing the saturation by 10% instead.

 90200F

 90200F

 FFFFF4

 730000

 CD563C

 550000

 EC7154

 3A0001

 FF8B6D

 160000

 FFA786

 000000

 FFC3A1

 FFE0BC

 FFFDD8

 90200F

 90200F

■ 901301

■ 902D1D

■ 901300

■ 90392C

■ 90463A

■ 905249

■ 905F57

■ 906B65

■ 907874

■ 908482

■ 909191

Harmonies

Analogous

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



9A003D



90200F



753C00

Triad

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



90200F



005C29



004CA8

Complementary

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



90200F



0F7F90

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.



0059A4



90200F



005E5A

Square

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



90200F



105800



005E87



5D3593

Rectangle

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



90200F



5C4900



005E87



0051AA

Sweetspot

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



90200F



BA8F88



900F81



5E4440



DEDEDE



5E5E5E

Same Dimension

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



90200F



BA1900



905F0F



474140



871200



080100

Inverse Universe

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



0F7F90



00A2BA



0F4090



404647



007587



000708

Previews

White Background



This preview shows how the Hex color 90200F looks on a white background.

Color Contrast Check

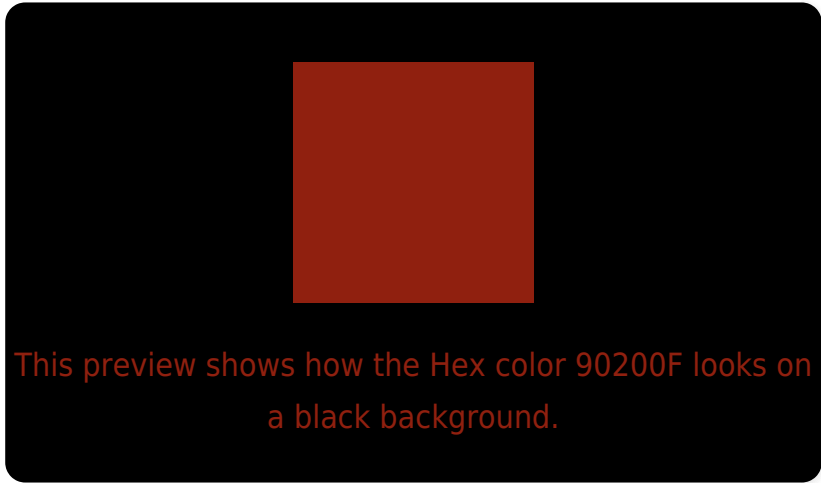
Large Text (above 18pt) WCAG AA ✓ Pass

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 90200F Background



This preview shows how black text looks on a background with the Hex color 90200F.



This preview shows how white text looks on a background with the Hex color 90200F.

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
90200F

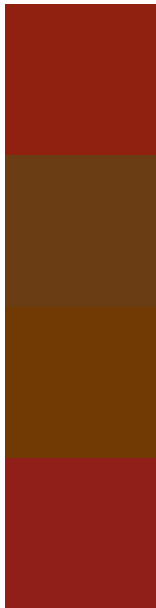
Protanopia
564D19

Deuteranopia
604900



Tritanopia
901E1F

Trichromacy



Original Color
90200F

Protanomaly
6B3D15

Deuteranomaly
713A05

Tritanomaly
901F19

Monochromacy



Original Color
90200F

Achromatopsia
404040

Achromatomaly
5D342E

CSS Examples

Text

The CSS property to change the color of the text to Hex 90200F 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 #90200F looks like.

```
.text, #text, p{  
    color:#90200F  
}
```

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 #90200F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90200F
}
```

Border

The CSS property to change the border of an element to Hex 90200F is called "border". The border property can be set on classes, ids or directly on the HTML element.

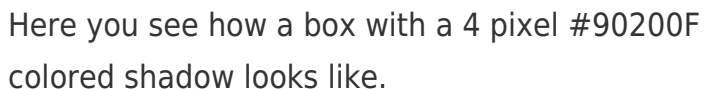
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90200F }
```

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

```
.border{ border-color:#90200F }
```

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



Here you see how a box with a 4 pixel #90200F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90200F; -webkit-box-shadow:4px 4px  
4px 4px #90200F; box-shadow:4px 4px 4px  
4px #90200F }
```

Background

The CSS property to change the background color of an element to Hex 90200F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90200F }
```

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

```
.background{ background-color:#90200F }
```

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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