

# Converting Colors

Hex(5C1E20)

Have a look what the booklet for  
Hex(5C1E20) contains.

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# Color

**Hex(5C1E20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C1E20
RGB	92, 30, 32
RGB Percent	36%, 12%, 13%
CMY	0.6392, 0.8824, 0.8745
CMYK	0.00, 0.67, 0.65, 0.64
HSL	358°, 51%, 24%
HSV	358°, 67%, 36%
XYZ	5.1386, 3.3081, 1.7342
YIQ	48.7660, 36.3100, 13.7660

# Conversions

## Conversions Part 2

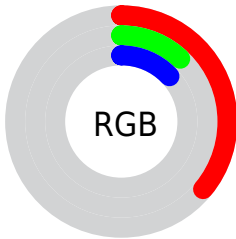
Format	Color
<b>RYB</b>	92, 30, 32
Decimal	6037024
CIELab	21.24, 28.55, 13.88
CIELCh	21, 31.750, 25.929
Yxy	3.3081, 0.5047, 0.3249
Android (android.graphics.Color)	4284227104 (0xFF5C1E20)
YUV	48.7660, -8.2656, 37.9162
Hunter-Lab	18.1883, 18.6009, 7.0787

# Details

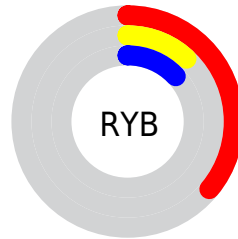
The Hex color **5C1E20** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1E5C5A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **924D4C**, and **2C0001** is the 20% darker color. If you saturate the color by 10%, you get **5C1517**, and if you desaturate by 10%, it is **5C2729**.

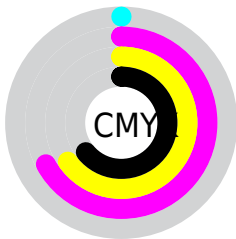
# Distribution



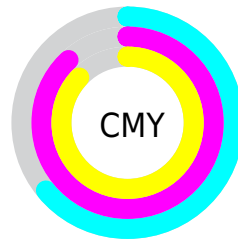
- Red (36%)
- Green (12%)
- Blue (13%)



- Red (36%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (65%)
- Black (64%)



- Cyan (64%)
- Magenta (88%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C1E20 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 5C1E20 by changing the saturation by 10% instead.



 5C1E20

 5C1E20

FFFFFF

 420509

 924D4C

 2C0001

 AE6664

 000000

 CB807D

 E89A97

 FFB5B1

 FFD1CD

 FFE0E9

 5C1E20

 5C1E20

■ 5C1517

■ 5C2729

■ 5C0C0E

■ 5C3032

■ 5C0205

■ 5C3A3B

■ 5C0003

■ 5C4344

■ 5C4C4D

■ 5C5555

■ 5C5E5E

■ 5C6867

■ 5C7170

# Harmonies

## Analogous

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



5B1C37



5C1E20



52270B

# Triad

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



5C1E20



063C17



003762

# Complementary

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



5C1E20



1E5C5A

# 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.



003C5A



5C1E20



003E2F

# Square

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



5C1E20



2B3802



003E47



2C2E5D

# Rectangle

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



5C1E20



482E00



003E47



003960



# Sweetspot

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



5C1E20



786061



5A1E5C



3D2F2F



BDBDBD



3D3D3D



# Same Dimension

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



5C1E20



78171A



5C3B1E



2E2929



6E0004



ED0008



# Inverse Universe

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



5C1E20



78171A



1E3F5C



2E2929



6E0004

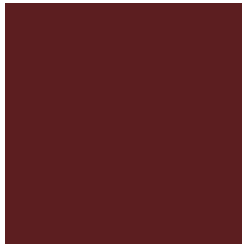


ED0008



# Previews

## White Background



This preview shows how the Hex color 5C1E20 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 5C1E20 Background



This preview shows how black text looks on a background with the Hex color 5C1E20.

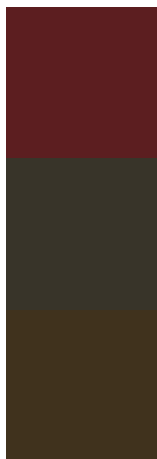


This preview shows how white text looks on a background with the Hex color 5C1E20.

# 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**  
5C1E20

**Protanopia**  
383429

**Deuteranopia**  
40321D



# Trichromacy



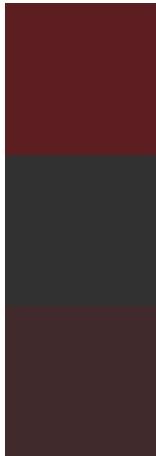
**Original Color**  
5C1E20

**Protanomaly**  
452C26

**Deuteranomaly**  
4A2B1E

**Tritanomaly**  
5C1E20

# Monochromacy



**Original Color**  
5C1E20

**Achromatopsia**  
313131

**Achromatomaly**  
412A2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C1E20 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 #5C1E20 looks like.

```
.text, #text, p{  
    color:#5C1E20  
}
```

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 #5C1E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C1E20  
}
```

## Border

The CSS property to change the border of an element to Hex 5C1E20 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".

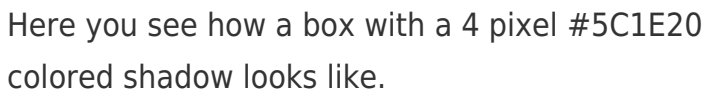
```
.border, #border, table{ border:4px solid  
#5C1E20 }
```

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

```
.border{ border-color:#5C1E20 }
```

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

Here you see how a box with a 4 pixel #5C1E20 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 #5C1E20 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C1E20; -webkit-box-shadow:4px 4px  
4px 4px #5C1E20; box-shadow:4px 4px 4px  
4px #5C1E20 }
```

# Background

The CSS property to change the background color of an element to Hex 5C1E20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C1E20 }
```

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

```
.background{ background-color:#5C1E20 }
```

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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