

Converting Colors

Hex(5A0D20)

Have a look what the booklet for
Hex(5A0D20) contains.

Hex(5A0D20)	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(5A0D20)

Conversions

Conversions Part 1

Format	Color
Hex	5A0D20
RGB	90, 13, 32
RGB Percent	35%, 5%, 13%
CMY	0.6471, 0.9490, 0.8745
CMYK	0.00, 0.86, 0.64, 0.65
HSL	345°, 75%, 20%
HSV	345°, 86%, 35%
XYZ	4.6211, 2.5658, 1.6182
YIQ	38.1890, 39.7930, 22.2330

Conversions

Conversions Part 2

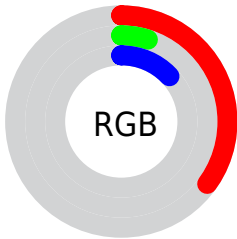
Format	Color
RYB	90, 13, 32
Decimal	5901600
CIELab	18.21, 35.02, 9.82
CIELCh	18, 36.367, 15.660
Yxy	2.5658, 0.5248, 0.2914
Android (android.graphics.Color)	4284091680 (0xFF5A0D20)
YUV	38.1890, -3.0512, 45.4382
Hunter-Lab	16.0181, 23.4641, 5.2230

Details

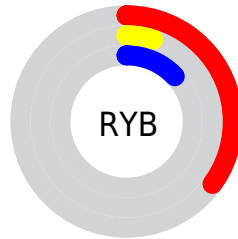
The Hex color **5A0D20** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0D5A47**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **91404C**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **5A0419**, and if you desaturate by 10%, it is **5A1627**.

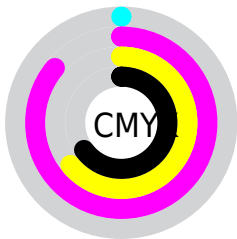
Distribution



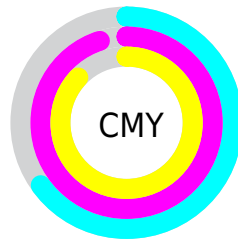
- Red (35%)
- Green (5%)
- Blue (13%)



- Red (35%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (86%)
- Yellow (64%)
- Black (65%)



- Cyan (65%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0D20 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 5A0D20 by changing the saturation by 10% instead.

 5A0D20

 5A0D20

 FFFDFD

 400008

 91404C

 280001

 AD5963

 000000

 C9737C

 E78D96

 FFA8B1

 FFC4CC

 FFE0E8

 5A0D20

 5A0D20

■ 5A0419

■ 5A1627

■ 5A0016

■ 5A1F2E

■ 5A2834

■ 5A313B

■ 5A3A42

■ 5A4349

■ 5A4C4F

■ 5A5556

■ 5A5E5D

Harmonies

Analogous

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



540F3A



5A0D20



531A03

Triad

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



5A0D20



093500



003360

Complementary

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



5A0D20



0D5A47

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.



003752



5A0D20



00371E

Square

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



5A0D20



2C2F00



00383A



002B60

Rectangle

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



5A0D20



492300



00383A



00355C

Sweetspot

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



5A0D20



75575E



470D5A



3B282D



BABABA



3B3B3B

Same Dimension

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



5A0D20



75001D



5A200D



2E292A



6E001B



ED003B

Inverse Universe

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



5A0D20



75001D



0D475A



2E292A



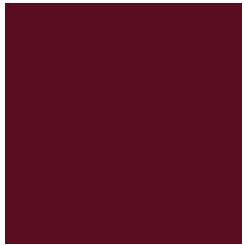
6E001B



ED003B

Previews

White Background



This preview shows how the Hex color 5A0D20 looks on a white background.

Color Contrast Check

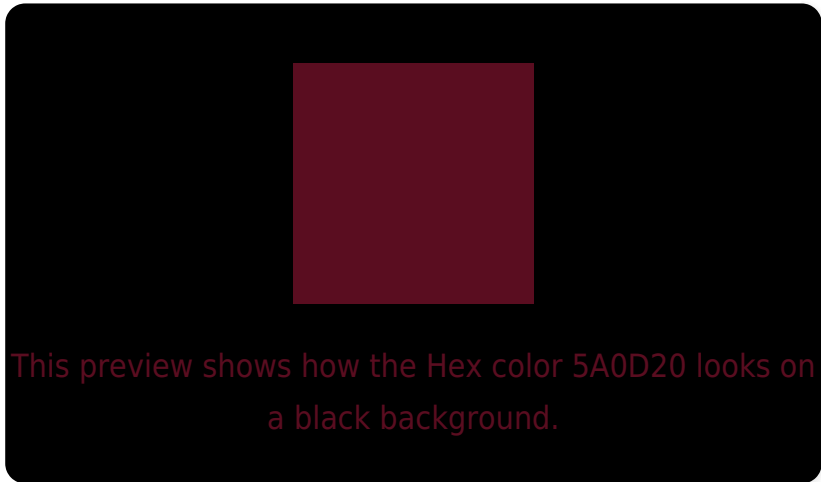
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A0D20 Background



This preview shows how black text looks on a background with the Hex color 5A0D20.



This preview shows how white text looks on a background with the Hex color 5A0D20.

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
5A0D20

Protanopia
302F2D

Deuteranopia
392D1C



Tritanopia
591111

Trichromacy



Original Color
5A0D20

Protanomaly
3F2328

Deuteranomaly
45211D

Tritanomaly
591016

Monochromacy



Original Color
5A0D20

Achromatopsia
262626

Achromatomaly
391D24

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0D20 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 #5A0D20 looks like.

```
.text, #text, p{  
    color:#5A0D20  
}
```

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 #5A0D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0D20
}
```

Border

The CSS property to change the border of an element to Hex 5A0D20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

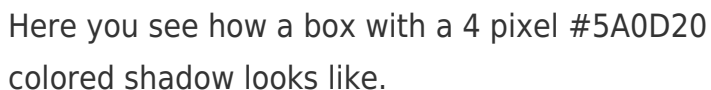
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A0D20 }
```

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

```
.border{ border-color:#5A0D20 }
```

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



Here you see how a box with a 4 pixel #5A0D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0D20; -webkit-box-shadow:4px 4px  
4px 4px #5A0D20; box-shadow:4px 4px 4px  
4px #5A0D20 }
```

Background

The CSS property to change the background color of an element to Hex 5A0D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0D20 }
```

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

```
.background{ background-color:#5A0D20 }
```

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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