

Converting Colors

Hex(5C1230)

Have a look what the booklet for
Hex(5C1230) contains.

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Color

Hex(5C1230)

Conversions

Conversions Part 1

Format	Color
Hex	5C1230
RGB	92, 18, 48
RGB Percent	36%, 7%, 19%
CMY	0.6392, 0.9294, 0.8118
CMYK	0.00, 0.80, 0.48, 0.64
HSL	336°, 67%, 22%
HSV	336°, 80%, 36%
XYZ	5.1634, 2.9213, 3.0880
YIQ	43.5460, 34.4740, 25.0180

Conversions

Conversions Part 2

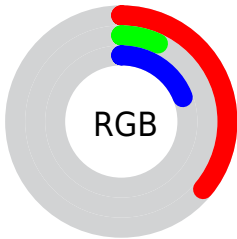
Format	Color
RYB	92, 18, 48
Decimal	6033968
CIELab	19.73, 35.38, 0.60
CIELCh	20, 35.380, 0.980
Yxy	2.9213, 0.4621, 0.2615
Android (android.graphics.Color)	4284224048 (0xFF5C1230)
YUV	43.5460, 2.1958, 42.4942
Hunter-Lab	17.0919, 24.0139, 1.2522

Details

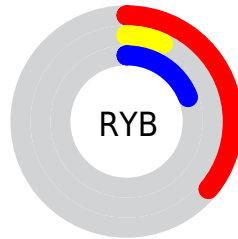
The Hex color **5C1230** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **125C3E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **92455E**, and **2E0002** is the 20% darker color. If you saturate the color by 10%, you get **5C092B**, and if you desaturate by 10%, it is **5C1B35**.

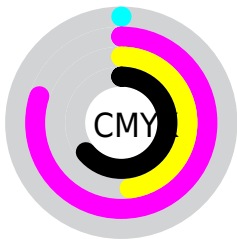
Distribution



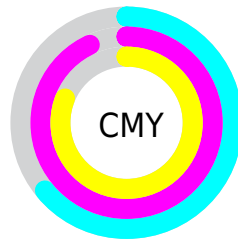
- Red (36%)
- Green (7%)
- Blue (19%)



- Red (36%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (80%)
- Yellow (48%)
- Black (64%)



- Cyan (64%)
- Magenta (93%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C1230 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 5C1230 by changing the saturation by 10% instead.

 5C1230

 5C1230

FFFFFF

 42001B

 92455E

 2E0002

 AE5E76

 000000

 CA7790

 E792AB

 FFADC6

 FFC9E2

 FFE5FE

 5C1230

 5C1230

■ 5C092B

■ 5C1B35

■ 5C0025

■ 5C243B

■ 5C2E40

■ 5C3746

■ 5C404B

■ 5C4951

■ 5C5256

■ 5C5C5C

■ 5C6561

Harmonies

Analogous

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



4F1B49



5C1230



5B1817

Triad

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



5C1230



213600



00395D

Complementary

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



5C1230



125C3E

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.



003B4A



5C1230



003915

Square

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



5C1230



3B2F00



003B30



003364

Rectangle

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



5C1230



542004



003B30



003A58

Sweetspot

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



5C1230



785B67



3D125C



3D2B33



BDBDBD



3D3D3D

Same Dimension

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



5C1230



780433



5C1812



2E292B



6E002C



ED0060

Inverse Universe

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



5C1230



780433



12565C



2E292B



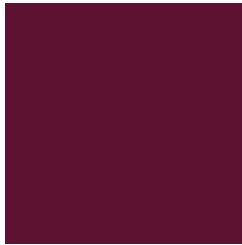
6E002C



ED0060

Previews

White Background



This preview shows how the Hex color 5C1230 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

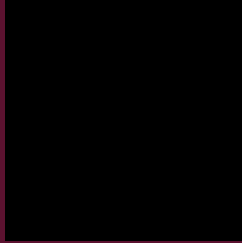
Any Text WCAG AA × Fail

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 5C1230 Background



This preview shows how black text looks on a background with the Hex color 5C1230.



This preview shows how white text looks on a background with the Hex color 5C1230.

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
5C1230

Protanopia
2D3142

Deuteranopia
38302C



Tritanopia
5B191A

Trichromacy



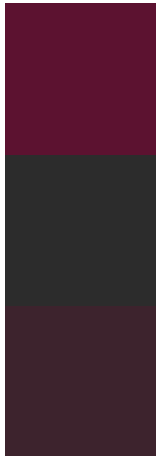
Original Color
5C1230

Protanomaly
3E263B

Deuteranomaly
45252D

Tritanomaly
5B1622

Monochromacy



Original Color
5C1230

Achromatopsia
2C2C2C

Achromatomaly
3D232D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C1230 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 #5C1230 looks like.

```
.text, #text, p{  
    color:#5C1230  
}
```

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 #5C1230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C1230  
}
```

Border

The CSS property to change the border of an element to Hex 5C1230 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  
#5C1230 }
```

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

```
.border{ border-color:#5C1230 }
```

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

Here you see how a box with a 4 pixel #5C1230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C1230; -webkit-box-shadow:4px 4px  
4px 4px #5C1230; box-shadow:4px 4px 4px  
4px #5C1230 }
```

Background

The CSS property to change the background color of an element to Hex 5C1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C1230 }
```

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

```
.background{ background-color:#5C1230 }
```

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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