

Converting Colors

Hex(5D0431)

Have a look what the booklet for
Hex(5D0431) contains.

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Color

Hex(5D0431)

Conversions

Conversions Part 1

Format	Color
Hex	5D0431
RGB	93, 4, 49
RGB Percent	36%, 2%, 19%
CMY	0.6353, 0.9843, 0.8078
CMYK	0.00, 0.96, 0.47, 0.64
HSL	330°, 92%, 19%
HSV	330°, 96%, 36%
XYZ	5.1120, 2.6357, 3.1450
YIQ	35.7410, 38.5990, 32.8630

Conversions

Conversions Part 2

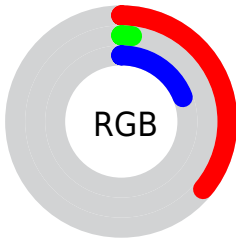
Format	Color
RYB	93, 4, 49
Decimal	6095921
CIELab	18.52, 39.94, -1.84
CIELCh	19, 39.978, 357.355
Yxy	2.6357, 0.4693, 0.2420
Android (android.graphics.Color)	4284286001 (0xFF5D0431)
YUV	35.7410, 6.5367, 50.2161
Hunter-Lab	16.2350, 27.7941, -0.1212

Details

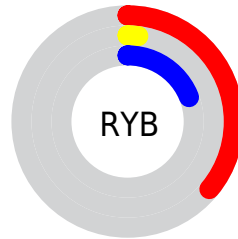
The Hex color **5D0431** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **045D30**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **933D5F**, and **2D0002** is the 20% darker color. If you saturate the color by 10%, you get **5D002F**, and if you desaturate by 10%, it is **5D0D36**.

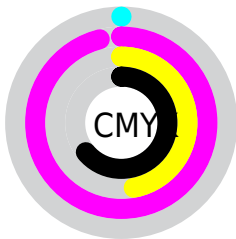
Distribution



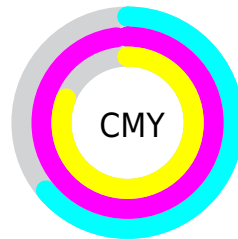
- Red (36%)
- Green (2%)
- Blue (19%)



- Red (36%)
- Yellow (2%)
- Blue (19%)



- Cyan (0%)
- Magenta (96%)
- Yellow (47%)
- Black (64%)



- Cyan (64%)
- Magenta (98%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D0431 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 5D0431 by changing the saturation by 10% instead.

 5D0431

 5D0431

 FFFBFF

 43001C

 933D5F

 2D0002

 AF5678

 000000

 CC7091

 E98BAC

 FFA6C7

 FFC2E3

 FFDEFF

 5D0431

 5D0431

■ 5D002F

■ 5D0D36

■ 5D173A

■ 5D203F

■ 5D2943

■ 5D3248

■ 5D3C4D

■ 5D4551

■ 5D4E56

■ 5D585A

Harmonies

Analogous

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



4C154D



5D0431



5D0C15

Triad

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



5D0431



203300



00375E

Complementary

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



5D0431



045D30

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.



003947



5D0431



00370A

Square

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



5D0431



3B2B00



00392A



003268

Rectangle

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



5D0431



561900



00392A



003858

Sweetspot

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



5D0431



785567



2F045D



3D2833



BDBDBD



3D3D3D

Same Dimension

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



5D0431



78003D



5D0405



2E292C



6E0037



ED0078

Inverse Universe

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



5D0431



78003D



045D5C



2E292C



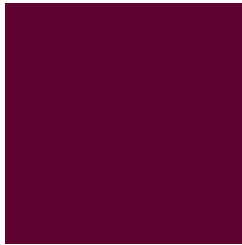
6E0037



ED0078

Previews

White Background



This preview shows how the Hex color 5D0431 looks on a white background.

Color Contrast Check

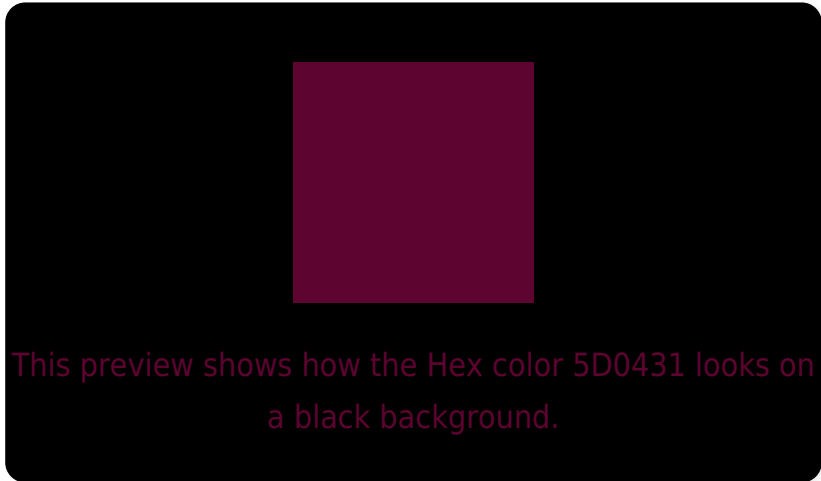
Large Text (above 18pt) WCAG AA ✓ Pass

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

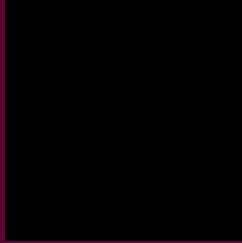
Any Text WCAG AA × Fail

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 5D0431 Background



This preview shows how black text looks on a background with the Hex color 5D0431.



This preview shows how white text looks on a background with the Hex color 5D0431.

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
5D0431

Protanopia
293047

Deuteranopia
372F2D

Trichromacy



Original Color
5D0431

Protanomaly
3C203F

Deuteranomaly
451F2E

Tritanomaly
5C0E1F

Monochromacy



Original Color
5D0431

Achromatopsia
242424

Achromatomaly
391829

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D0431 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 #5D0431 looks like.

```
.text, #text, p{  
    color:#5D0431  
}
```

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 #5D0431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0431
}
```

Border

The CSS property to change the border of an element to Hex 5D0431 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
#5D0431 }
```

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

```
.border{ border-color:#5D0431 }
```

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

Here you see how a box with a 4 pixel #5D0431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0431; -webkit-box-shadow:4px 4px  
4px 4px #5D0431; box-shadow:4px 4px 4px  
4px #5D0431 }
```

Background

The CSS property to change the background color of an element to Hex 5D0431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0431 }
```

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

```
.background{ background-color:#5D0431 }
```

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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