

Converting Colors

Hex(5B1953)

Have a look what the booklet for
Hex(5B1953) contains.

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Color

Hex(5B1953)

Conversions

Conversions Part 1

Format	Color
Hex	5B1953
RGB	91, 25, 83
RGB Percent	36%, 10%, 33%
CMY	0.6431, 0.9020, 0.6745
CMYK	0.00, 0.73, 0.09, 0.64
HSL	307°, 57%, 23%
HSV	307°, 73%, 36%
XYZ	6.2233, 3.5439, 8.5397
YIQ	51.3460, 20.7180, 32.0300

Conversions

Conversions Part 2

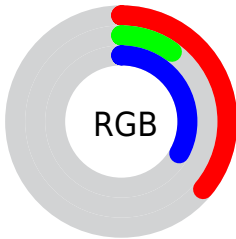
Format	Color
RYB	91, 25, 83
Decimal	5970259
CIELab	22.10, 37.29, -19.92
CIELCh	22, 42.276, 331.895
Yxy	3.5439, 0.3399, 0.1936
Android (android.graphics.Color)	4284160339 (0xFF5B1953)
YUV	51.3460, 15.6054, 34.7766
Hunter-Lab	18.8254, 26.0647, -13.7177

Details

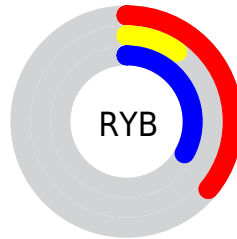
The Hex color **5B1953** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **195B21**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8F4B85**, and **2C0026** is the 20% darker color. If you saturate the color by 10%, you get **5B1052**, and if you desaturate by 10%, it is **5B2254**.

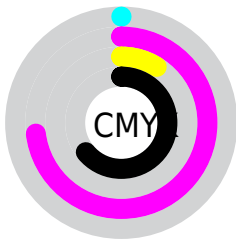
Distribution



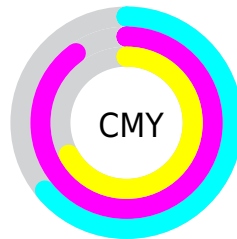
- Red (36%)
- Green (10%)
- Blue (33%)



- Red (36%)
- Yellow (10%)
- Blue (33%)



- Cyan (0%)
- Magenta (73%)
- Yellow (9%)
- Black (64%)



- Cyan (64%)
- Magenta (90%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B1953 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 5B1953 by changing the saturation by 10% instead.

 5B1953

 5B1953


FFFFFF

 42003C

 8F4B85

 2C0026

 AB649F

 01000F

 C77EBA

 000000

 E398D6

 FFB4F2

 FFD0FF

 FFE0FF

 5B1953

 5B1953

■ 5B1052

■ 5B2254

■ 5B0751

■ 5B2B55

■ 5B0050

■ 5B3456

■ 5B3D57

■ 5B4659

■ 5B505A

■ 5B595B

■ 5B625C

■ 5B6B5D

Harmonies

Analogous

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



342B6B



5B1953



6A0A34

Triad

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



5B1953



403400



004255

Complementary

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



5B1953



195B21

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.



004236



5B1953



213C00

Square

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



5B1953



592700



004015



00406C

Rectangle

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



5B1953



6A1020



004015



00424C

Sweetspot

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



5B1953



755B72



21195B



3B2B39



BABABA



3B3B3B

Same Dimension

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



5B1953



750F69



5B1932



2E292D



6E0060



ED00D0

Inverse Universe

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



5B1953



750F69



195B42



2E292D



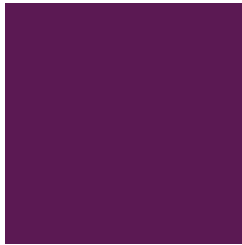
6E0060



ED00D0

Previews

White Background



This preview shows how the Hex color 5B1953 looks on a white background.

Color Contrast Check

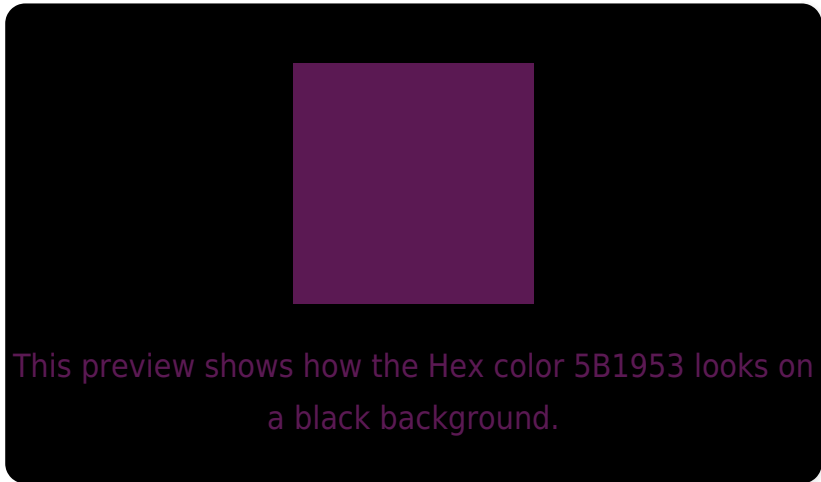
Large Text (above 18pt) WCAG AA ✓ Pass

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

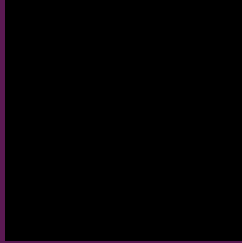
Any Text WCAG AA × Fail

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 5B1953 Background



This preview shows how black text looks on a background with the Hex color 5B1953.



This preview shows how white text looks on a background with the Hex color 5B1953.

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
5B1953

Protanopia
13356B

Deuteranopia
2D364F



Tritanopia
57272A

Trichromacy



Original Color
5B1953

Protanomaly
2D2B62

Deuteranomaly
3E2B50

Tritanomaly
582239

Monochromacy



Original Color
5B1953

Achromatopsia
333333

Achromatomaly
422A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B1953 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 #5B1953 looks like.

```
.text, #text, p{  
    color:#5B1953  
}
```

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 #5B1953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1953
}
```

Border

The CSS property to change the border of an element to Hex 5B1953 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
#5B1953 }
```

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

```
.border{ border-color:#5B1953 }
```

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

Here you see how a box with a 4 pixel #5B1953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1953; -webkit-box-shadow:4px 4px  
4px 4px #5B1953; box-shadow:4px 4px 4px  
4px #5B1953 }
```

Background

The CSS property to change the background color of an element to Hex 5B1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1953 }
```

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

```
.background{ background-color:#5B1953 }
```

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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