

Converting Colors

Hex(781531)

Have a look what the booklet for
Hex(781531) contains.

Hex(781531)	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(781531)

Conversions

Conversions Part 1

Format	Color
Hex	781531
RGB	120, 21, 49
RGB Percent	47%, 8%, 19%
CMY	0.5294, 0.9176, 0.8078
CMYK	0.00, 0.82, 0.59, 0.53
HSL	343°, 70%, 28%
HSV	343°, 82%, 47%
XYZ	8.5683, 4.7512, 3.3712
YIQ	53.7930, 50.0160, 29.6960

Conversions

Conversions Part 2

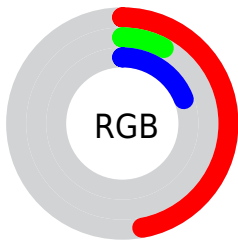
Format	Color
R_{YB}	120, 21, 49
Decimal	7869745
CIE Lab	26.01, 43.10, 9.64
CIE LCh	26, 44.163, 12.602
Yxy	4.7512, 0.5134, 0.2847
Android (android.graphics.Color)	4286059825 (0xFF781531)
YUV	53.7930, -2.3629, 58.0635
Hunter-Lab	21.7971, 32.0219, 6.0881

Details

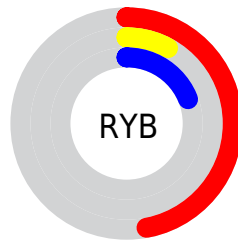
The Hex color **781531** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **15785C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **B14C5F**, and **420001** is the 20% darker color. If you saturate the color by 10%, you get **780928**, and if you desaturate by 10%, it is **78213A**.

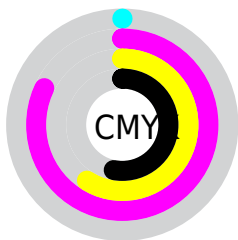
Distribution



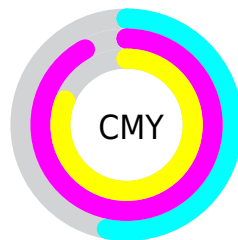
- Red (47%)
- Green (8%)
- Blue (19%)



- Red (47%)
- Yellow (8%)
- Blue (19%)



- Cyan (0%)
- Magenta (82%)
- Yellow (59%)
- Black (53%)



- Cyan (53%)
- Magenta (92%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781531 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 781531 by changing the saturation by 10% instead.

 781531

 781531

FFFFFF

 5C001C

 B14C5F

 420001

 CE6677

 270001

 EC8091

 000000

 FF9BAC

 FFB7C7

 FFD3E3

 FFF0FF

 781531

 781531

■ 780928

■ 78213A

■ 780022

■ 782D42

■ 78394B

■ 784553

■ 78515C

■ 785D65

■ 78696D

■ 787576

■ 78817E

Harmonies

Analogous

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



6F1B52



781531



702411

Triad

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



781531



164803



00477E

Complementary

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



781531



15785C

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.



004B6B



781531



004B28

Square

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



781531



404000



004C4B



003D80

Rectangle

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



781531



643000



004C4B



004979

Sweetspot

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



781531



9C7580



5C1578



4F373E



CFCFCF



4F4F4F

Same Dimension

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



781531



9C022D



782A15



3D3739



7D0023



FC0047

Inverse Universe

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



781531



9C022D



156378



3D3739



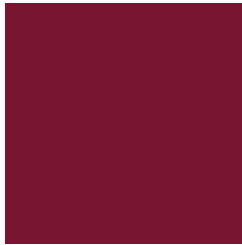
7D0023



FC0047

Previews

White Background



This preview shows how the Hex color 781531 looks on a white background.

Color Contrast Check

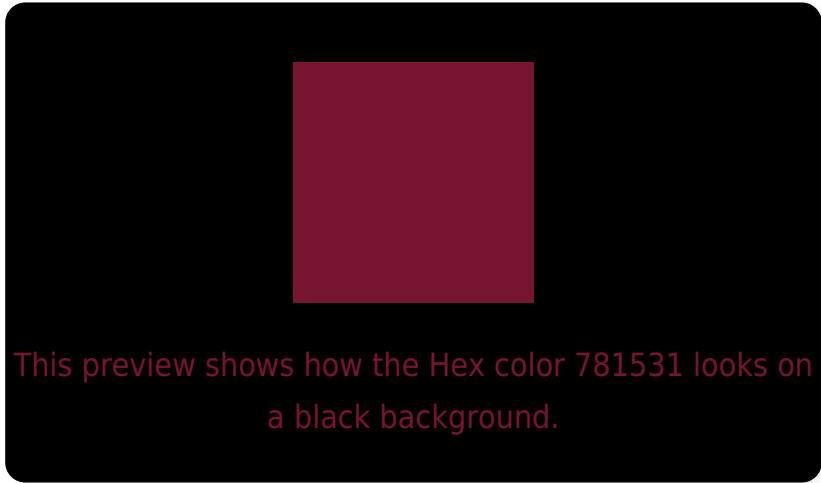
Large Text (above 18pt) WCAG AA ✓ Pass

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 781531 Background



This preview shows how black text looks on a background with the Hex color 781531.



This preview shows how white text looks on a background with the Hex color 781531.

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
781531

Protanopia
3F3F44

Deuteranopia
4C3D2C



Tritanopia
771B1B

Trichromacy



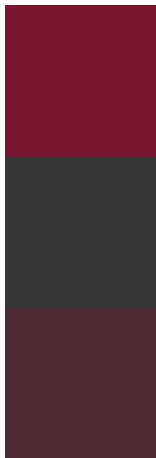
Original Color
781531

Protanomaly
54303D

Deuteranomaly
5C2E2E

Tritanomaly
771923

Monochromacy



Original Color
781531

Achromatopsia
363636

Achromatomaly
4E2A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 781531 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 #781531 looks like.

```
.text, #text, p{  
    color:#781531  
}
```

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 #781531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781531
}
```

Border

The CSS property to change the border of an element to Hex 781531 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
#781531 }
```

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

```
.border{ border-color:#781531 }
```

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

Here you see how a box with a 4 pixel #781531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781531; -webkit-box-shadow:4px 4px  
4px 4px #781531; box-shadow:4px 4px 4px  
4px #781531 }
```

Background

The CSS property to change the background color of an element to Hex 781531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781531 }
```

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

```
.background{ background-color:#781531 }
```

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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