

# Converting Colors

Hex(581328)

Have a look what the booklet for  
Hex(581328) contains.

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**Color**

**Hex(581328)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	581328
RGB	88, 19, 40
RGB Percent	35%, 7%, 16%
CMY	0.6549, 0.9255, 0.8431
CMYK	0.00, 0.78, 0.55, 0.65
HSL	342°, 64%, 21%
HSV	342°, 78%, 35%
XYZ	4.6404, 2.6937, 2.2828
YIQ	42.0250, 34.3830, 21.1590

# Conversions

## Conversions Part 2

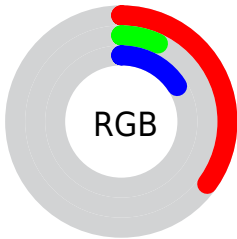
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 19, 40
Decimal	5772072
CIELab	18.77, 32.86, 4.80
CIElCh	19, 33.210, 8.318
Yxy	2.6937, 0.4825, 0.2801
Android (android.graphics.Color)	4283962152 (0xFF581328)
YUV	42.0250, -0.9983, 40.3201
Hunter-Lab	16.4124, 21.7469, 3.2419

# Details

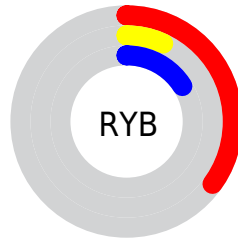
The Hex color **581328** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **135843**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8E4455**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **580A22**, and if you desaturate by 10%, it is **581C2E**.

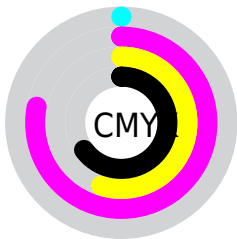
# Distribution



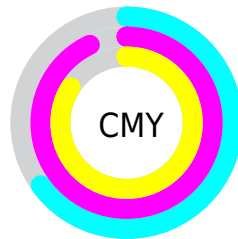
- Red (35%)
- Green (7%)
- Blue (16%)



- Red (35%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (78%)
- Yellow (55%)
- Black (65%)



- Cyan (65%)
- Magenta (93%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 581328 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 581328 by changing the saturation by 10% instead.



 581328

 581328

FFFFFF

 3E0014

 8E4455

 290001

 A95D6D

 000000

 C67786

 E391A0

 FFACBB

 FFC8D7

 FFE4F3

 581328

 581328

■ 580A22

■ 581C2E

■ 58011C

■ 582534

■ 58001B

■ 582D3A

■ 583640

■ 583F47

■ 58484D

■ 585153

■ 585959

■ 58625F

# Harmonies

## Analogous

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



4F1840



581328



541B11

# Triad

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



581328



193400



00355A

# Complementary

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



581328



135843

# 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.



00384B



581328



00371B

# Square

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



581328



342F00



003934



002E5E

# Rectangle

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



581328



4C2200



003934



003657



# Sweetspot

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



581328



735760



421358



3B2A2F



BABABA



3B3B3B



# Same Dimension

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



581328



730728



582013



2B2728



6B0021



EB0047



# Inverse Universe

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



581328



730728



134B58



2B2728



6B0021

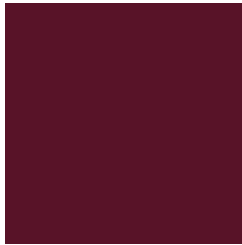


EB0047



# Previews

## White Background



This preview shows how the Hex color 581328 looks on a white background.

## Color Contrast Check

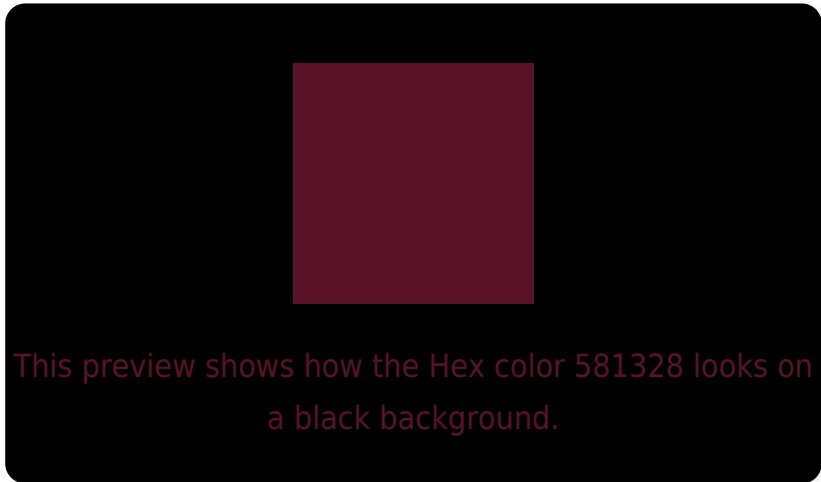
Large Text (above 18pt) WCAG AA ✓ Pass

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

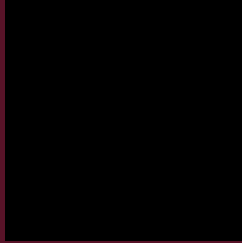
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 581328 Background



This preview shows how black text looks on a background with the Hex color 581328.



This preview shows how white text looks on a background with the Hex color 581328.

# 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**  
581328

**Protanopia**  
2E2F36

**Deuteranopia**  
382E25



**Tritanopia**  
571718

# Trichromacy



**Original Color**  
581328

**Protanomaly**  
3D2531

**Deuteranomaly**  
442426

**Tritanomaly**  
57161E

# Monochromacy



**Original Color**  
581328

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
3B2229

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 581328 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 #581328 looks like.

```
.text, #text, p{  
    color:#581328  
}
```

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 #581328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581328
}
```

## Border

The CSS property to change the border of an element to Hex 581328 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".

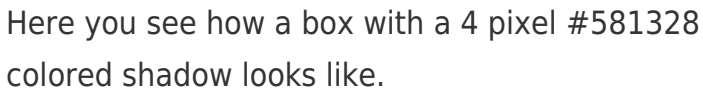
```
.border, #border, table{ border:4px solid
#581328 }
```

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

```
.border{ border-color:#581328 }
```

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

Here you see how a box with a 4 pixel #581328 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #581328 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581328; -webkit-box-shadow:4px 4px  
4px 4px #581328; box-shadow:4px 4px 4px  
4px #581328 }
```

# Background

The CSS property to change the background color of an element to Hex 581328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581328 }
```

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

```
.background{ background-color:#581328 }
```

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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