

# Converting Colors

Hex(5D0628)

Have a look what the booklet for  
Hex(5D0628) contains.

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**Color**

**Hex(5D0628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D0628
RGB	93, 6, 40
RGB Percent	36%, 2%, 16%
CMY	0.6353, 0.9765, 0.8431
CMYK	0.00, 0.94, 0.57, 0.64
HSL	337°, 88%, 19%
HSV	337°, 94%, 36%
XYZ	4.9623, 2.6106, 2.2498
YIQ	35.8890, 40.9380, 29.0180

# Conversions

## Conversions Part 2

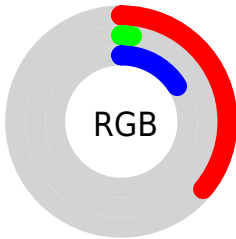
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">93, 6, 40</a>
Decimal	<a href="#">6096424</a>
CIELab	<a href="#">18.41, 38.55, 4.45</a>
CIElCh	<a href="#">18, 38.805, 6.583</a>
Yxy	<a href="#">2.6106, 0.5052, 0.2658</a>
Android (android.graphics.Color)	<a href="#">4284286504 (0xFF5D0628)</a>
YUV	<a href="#">35.8890, 2.0267, 50.0863</a>
Hunter-Lab	<a href="#">16.1574, 26.5464, 3.0543</a>

# Details

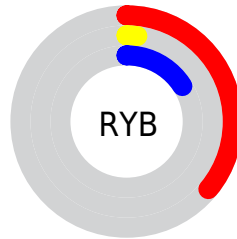
The Hex color **5D0628** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **065D3B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **943E55**, and **2C0001** is the 20% darker color. If you saturate the color by 10%, you get **5D0024**, and if you desaturate by 10%, it is **5D0F2E**.

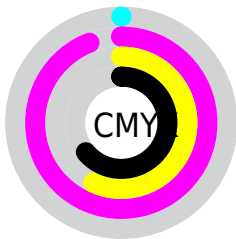
# Distribution



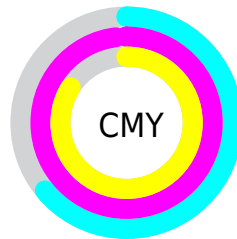
- Red (36%)
- Green (2%)
- Blue (16%)



- Red (36%)
- Yellow (2%)
- Blue (16%)



- Cyan (0%)
- Magenta (94%)
- Yellow (57%)
- Black (64%)



- Cyan (64%)
- Magenta (98%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D0628 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 5D0628 by changing the saturation by 10% instead.



 5D0628

 5D0628

 FFFBFF

 430014

 943E55

 2C0001

 B0576D

 000000

 CD7186

 EA8BA0

 FFA6BB

 FFC2D7

 FFDEF3

 5D0628

 5D0628

■ 5D0024

■ 5D0F2E

■ 5D1933

■ 5D2239

■ 5D2B3F

■ 5D3444

■ 5D3E4A

■ 5D4750

■ 5D5055

■ 5D5A5B

# Harmonies

## Analogous

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



521144



5D0628



59130B

# Triad

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



5D0628



163400



003661

# Complementary

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



5D0628



065D3B

# 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.



00394E



5D0628



003815

# Square

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



5D0628



332E00



003933



002F65

# Rectangle

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



5D0628



501E00



003933



00375C



# Sweetspot

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



5D0628



785663



3A065D



3D2831



BDBDBD



3D3D3D



# Same Dimension

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



5D0628



78002F



5D0F06



2E292B



6E002B



ED005D



# Inverse Universe

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



5D0628



78002F



06545D



2E292B



6E002B

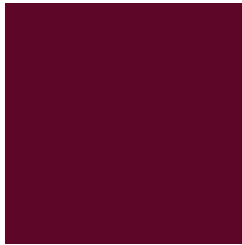


ED005D



# Previews

## White Background



This preview shows how the Hex color 5D0628 looks on a white background.

## Color Contrast Check

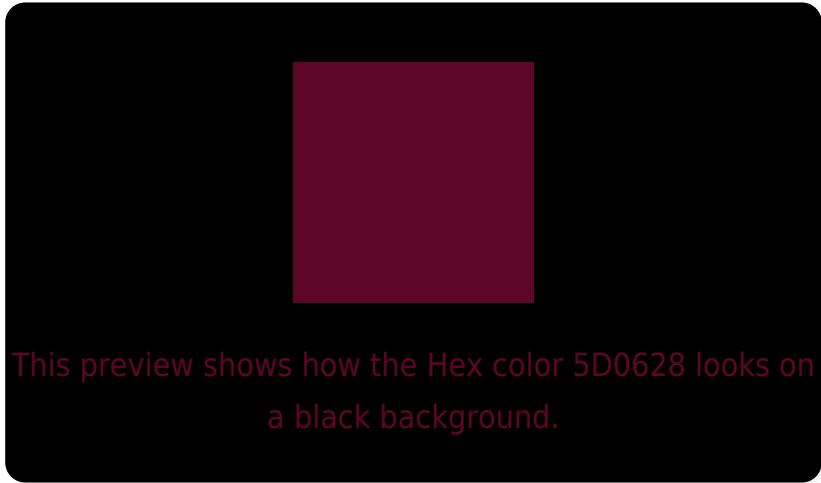
Large Text (above 18pt) WCAG AA ✓ Pass

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

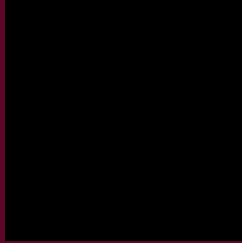
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D0628 Background



This preview shows how black text looks on a background with the Hex color 5D0628.



This preview shows how white text looks on a background with the Hex color 5D0628.

# 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**  
5D0628

**Protanopia**  
2E303A

**Deuteranopia**  
392E24



**Tritanopia**  
5C1110

# Trichromacy



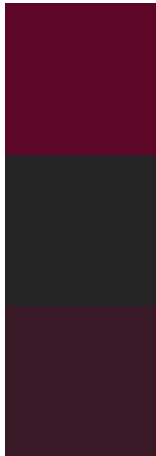
**Original Color**  
5D0628

**Protanomaly**  
3F2133

**Deuteranomaly**  
461F25

**Tritanomaly**  
5C0D19

# Monochromacy



**Original Color**  
5D0628

**Achromatopsia**  
242424

**Achromatomaly**  
391925

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D0628 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 #5D0628 looks like.

```
.text, #text, p{  
    color:#5D0628  
}
```

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 #5D0628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0628
}
```

## Border

The CSS property to change the border of an element to Hex 5D0628 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".

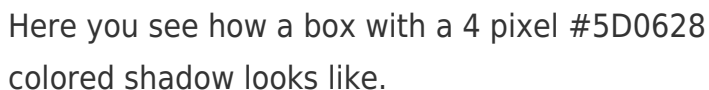
```
.border, #border, table{ border:4px solid
#5D0628 }
```

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

```
.border{ border-color:#5D0628 }
```

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

Here you see how a box with a 4 pixel #5D0628 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0628; -webkit-box-shadow:4px 4px  
4px 4px #5D0628; box-shadow:4px 4px 4px  
4px #5D0628 }
```

# Background

The CSS property to change the background color of an element to Hex 5D0628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0628 }
```

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

```
.background{ background-color:#5D0628 }
```

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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