

# Converting Colors

Hex(550D30)

Have a look what the booklet for  
Hex(550D30) contains.

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# Color

**Hex(550D30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	550D30
RGB	85, 13, 48
RGB Percent	33%, 5%, 19%
CMY	0.6667, 0.9490, 0.8118
CMYK	0.00, 0.85, 0.44, 0.67
HSL	331°, 73%, 19%
HSV	331°, 85%, 33%
XYZ	4.4237, 2.4325, 3.0327
YIQ	38.5180, 31.6770, 26.1490

# Conversions

## Conversions Part 2

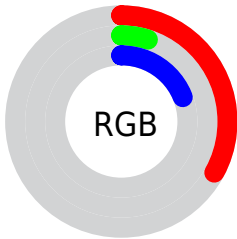
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 13, 48
Decimal	5573936
CIELab	17.61, 34.98, -2.68
CIElCh	18, 35.082, 355.626
Yxy	2.4325, 0.4473, 0.2460
Android (android.graphics.Color)	4283764016 (0xFF550D30)
YUV	38.5180, 4.6746, 40.7647
Hunter-Lab	15.5966, 23.3347, -0.6110

# Details

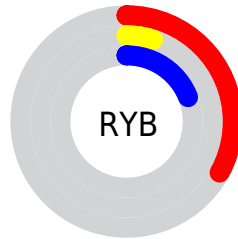
The Hex color **550D30** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0D5532**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **8A405E**, and **260001** is the 20% darker color. If you saturate the color by 10%, you get **55052C**, and if you desaturate by 10%, it is **551534**.

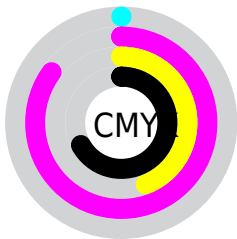
# Distribution



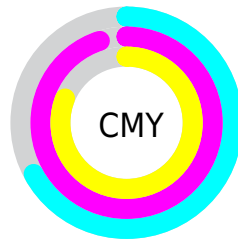
- Red (33%)
- Green (5%)
- Blue (19%)



- Red (33%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (85%)
- Yellow (44%)
- Black (67%)



- Cyan (67%)
- Magenta (95%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 550D30 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 550D30 by changing the saturation by 10% instead.



 550D30

 550D30

 FFFDFD

 3C001B

 8A405E

 260001

 A55977

 000000

 C27290

 DE8DAB

 FCA8C6

 FFC3E2

 FFE0FF

 550D30

 550D30

■ 55052C

■ 551534

■ 550029

■ 551E39

■ 55273D

■ 552F41

■ 553746

■ 55404A

■ 55494F

■ 555153

■ 555957

# Harmonies

## Analogous

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



451948



550D30



561117

# Triad

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



550D30



223000



003455

# Complementary

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



550D30



0D5532

# 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.



003640



550D30



00340B

# Square

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



550D30



3A2900



003627



002F5E

# Rectangle

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



550D30



501903



003627



00354F



# Sweetspot

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



550D30



6E5260



310D55



38272F



B8B8B8



383838



# Same Dimension

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



550D30



6E0035



550D0D



2B2729



6B0034



EB0072



# Inverse Universe

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



550D30



6E0035



0D5555



2B2729



6B0034

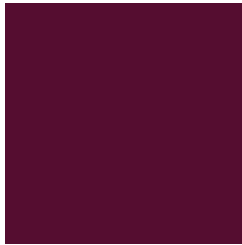


EB0072



# Previews

## White Background



This preview shows how the Hex color 550D30 looks on a white background.

## Color Contrast Check

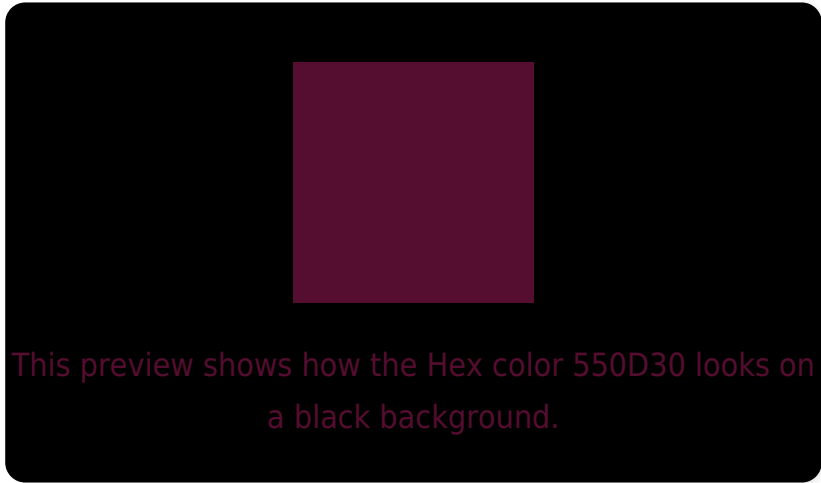
Large Text (above 18pt) WCAG AA ✓ Pass

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

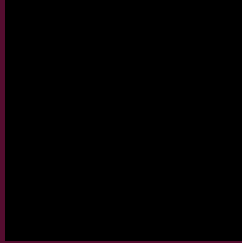
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 550D30 Background



This preview shows how black text looks on a background with the Hex color 550D30.



This preview shows how white text looks on a background with the Hex color 550D30.

# 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**  
550D30

**Protanopia**  
262D43

**Deuteranopia**  
322C2D



**Tritanopia**  
541617

# Trichromacy



**Original Color**  
550D30

**Protanomaly**  
37213C

**Deuteranomaly**  
3F212E

**Tritanomaly**  
541320

# Monochromacy



**Original Color**  
550D30

**Achromatopsia**  
272727

**Achromatomaly**  
381E2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 550D30 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 #550D30 looks like.

```
.text, #text, p{  
    color:#550D30  
}
```

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 #550D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550D30
}
```

## Border

The CSS property to change the border of an element to Hex 550D30 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".

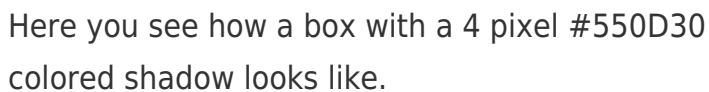
```
.border, #border, table{ border:4px solid
#550D30 }
```

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

```
.border{ border-color:#550D30 }
```

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

Here you see how a box with a 4 pixel #550D30 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550D30; -webkit-box-shadow:4px 4px  
4px 4px #550D30; box-shadow:4px 4px 4px  
4px #550D30 }
```

# Background

The CSS property to change the background color of an element to Hex 550D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550D30 }
```

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

```
.background{ background-color:#550D30 }
```

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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