

# Converting Colors

Hex(53330F)

Have a look what the booklet for  
Hex(53330F) contains.

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# Color

**Hex(53330F)**

# Conversions

Conversions Part 1	
Format	Color
Hex	53330F
RGB	83, 51, 15
RGB Percent	33%, 20%, 6%
CMY	0.6745, 0.8000, 0.9412
CMYK	0.00, 0.39, 0.82, 0.67
HSL	32°, 69%, 19%
HSV	32°, 82%, 33%
XYZ	4.8373, 4.2411, 1.0156
YIQ	56.4640, 30.6280, -4.4120

# Conversions

## Conversions Part 2

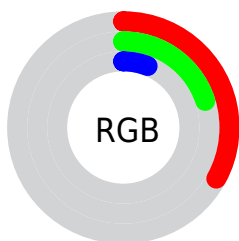
Format	Color
<a href="#">RYB</a>	<a href="#">75, 83, 15</a>
Decimal	<a href="#">5452559</a>
CIELab	<a href="#">24.45, 10.93, 27.65</a>
CIELCh	<a href="#">24, 29.727, 68.436</a>
Yxy	<a href="#">4.2411, 0.4792, 0.4202</a>
Android (android.graphics.Color)	<a href="#">4283642639</a> (0xFF53330F)
YUV	<a href="#">56.4640, -20.4418, 23.2721</a>
Hunter-Lab	<a href="#">20.5940, 5.8883, 11.4919</a>

# Details

The Hex color **53330F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0F2F53**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **88613B**, and **220700** is the 20% darker color. If you saturate the color by 10%, you get **532F07**, and if you desaturate by 10%, it is **533717**.

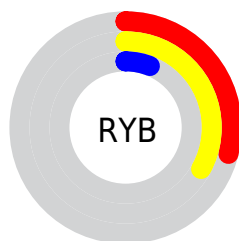
# Distribution



Red (33%)

Green (20%)

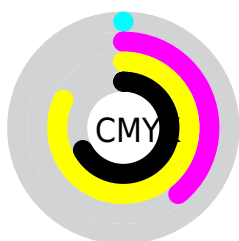
Blue (6%)



Red (29%)

Yellow (33%)

Blue (6%)

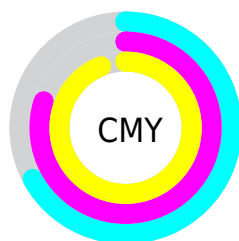


Cyan (0%)

Magenta (39%)

Yellow (82%)

Black (67%)



Cyan (67%)

Magenta (80%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53330F 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 53330F by changing the saturation by 10% instead.



 53330F

 53330F

 FFFFF3

 3B1E00

 88613B

 220700

 A37A53

 000000

 BF946B

 DCAF85

 F9CA9F

 FFE6BA

 FFFFD6

 53330F

 53330F

 532F07

 533717

 532C00

 533B20

 533F28

 534330

 534739

 534A41

 534E49

 535251

 53565A

# Harmonies

## Analogous

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



602A1F



53330F



403B09

# Triad

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



53330F



004540



43315D

# Complementary

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



53330F



0F2F53

# 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.



183A66



53330F



004455

# Square

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



53330F



004429



004163



5A294B

# Rectangle

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



53330F



313F10



004163



383562



# Sweetspot

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



53330F



6B5E50



530F30



362E25



B5B5B5



363636



# Same Dimension

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



53330F



6B3A02



52530F



292725



693700



E87B00



# Inverse Universe

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



0F2F53



02346B



100F53



252729



003169

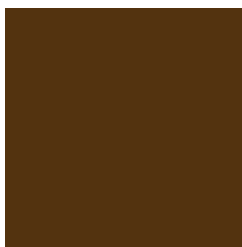


006DE8



# Previews

## White Background



This preview shows how the Hex color 53330F 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



This preview shows how the Hex color 53330F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

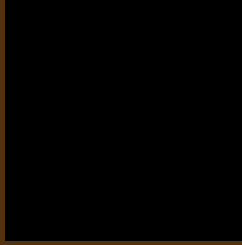
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 53330F Background



This preview shows how black text looks on a background with the Hex color 53330F.



This preview shows how white text looks on a background with the Hex color 53330F.

# 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](#).

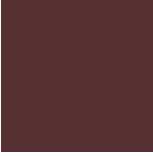
## Dichromacy



**Original Color**  
53330F

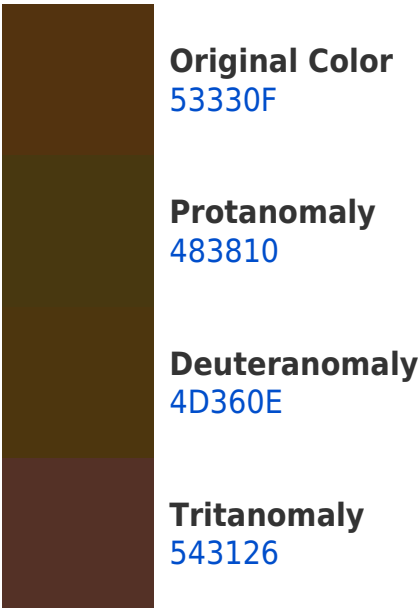
**Protanopia**  
423B11

**Deuteranopia**  
4A380D

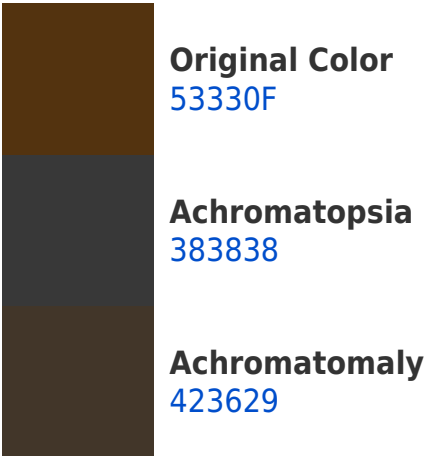


**Tritanopia**  
553033

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53330F 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 #53330F looks like.

```
.text, #text, p{  
    color:#53330F  
}
```

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 #53330F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53330F
}
```

## Border

The CSS property to change the border of an element to Hex 53330F 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
#53330F }
```

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

```
.border{ border-color:#53330F }
```

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

Here you see how a box with a 4 pixel #53330F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53330F; -webkit-box-shadow:4px 4px  
4px 4px #53330F; box-shadow:4px 4px 4px  
4px #53330F }
```

# Background

The CSS property to change the background color of an element to Hex 53330F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53330F }
```

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

```
.background{ background-color:#53330F }
```

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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