

# Converting Colors

Decimal(5515584)

Have a look what the booklet for  
Decimal(5515584) contains.

<b>Decimal(5515584)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(5515584)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	542940
RGB	84, 41, 64
RGB Percent	33%, 16%, 25%
CMY	0.6706, 0.8392, 0.7490
CMYK	0.00, 0.51, 0.24, 0.67
HSL	328°, 34%, 25%
HSV	328°, 51%, 33%
XYZ	5.3745, 3.8409, 5.3086
YIQ	56.4790, 18.2450, 16.2690

# Conversions

## Conversions Part 2

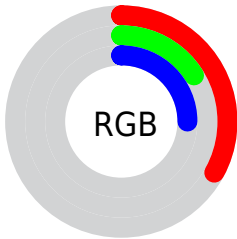
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 41, 64
Decimal	5515584
CIE Lab	23.14, 23.21, -5.58
CIE LCh	23, 23.876, 346.474
Yxy	3.8409, 0.3700, 0.2645
Android (android.graphics.Color)	4283705664 (0xFF542940)
YUV	56.4790, 3.7079, 24.1359
Hunter-Lab	19.5981, 14.6544, -2.3413

# Details

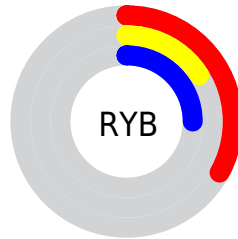
The Decimal color **5515584** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2708541**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **8870000**, and **2555926** is the 20% darker color. If you saturate the color by 10%, you get **5513532**, and if you desaturate by 10%, it is **5517636**.

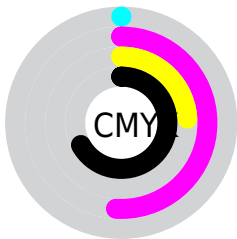
# Distribution



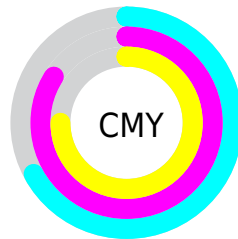
- Red (33%)
- Green (16%)
- Blue (25%)



- Red (33%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (51%)
- Yellow (24%)
- Black (67%)



- Cyan (67%)
- Magenta (84%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5515584 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 Decimal color 5515584 by changing the saturation by 10% instead.



■ 5515584

■ 5515584

16777215

■ 3937066

■ 8870000

■ 2555926

■ 10645897

■ 0

■ 12421795

■ 14263742

■ 16171226

■ 16768247

■ 16775679

■ 5515584

■ 5515584

■ 5513532

■ 5517636

■ 5511224

■ 5519944

■ 5509172

■ 5521996

■ 5506864

■ 5524304

■ 5505069

■ 5526356

■ 5528407

■ 5530715

■ 5532767

■ 5535075

# Harmonies

## Analogous

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



4534096



5515584



5842990

# Triad

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



5515584



3684627



16209

# Complementary

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



5515584



2708541

# 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.



16449



5515584



2374942

# Square

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



5515584



4731668



147502



15194

# Rectangle

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



5515584



5647139



147502



16460



# Sweetspot

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



5515584



7232870



3942740



3681843



12105912



3684408



# Same Dimension

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



5515584



7220047



5515563



2696487



6881336



15204476



# Inverse Universe

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



5515584



7220047



2708562



2696487



6881336

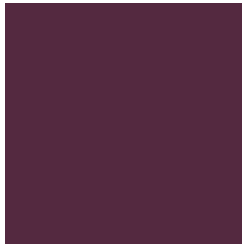


15204476



# Previews

## White Background



This preview shows how the Decimal color 5515584 looks on a white background.

## Color Contrast Check

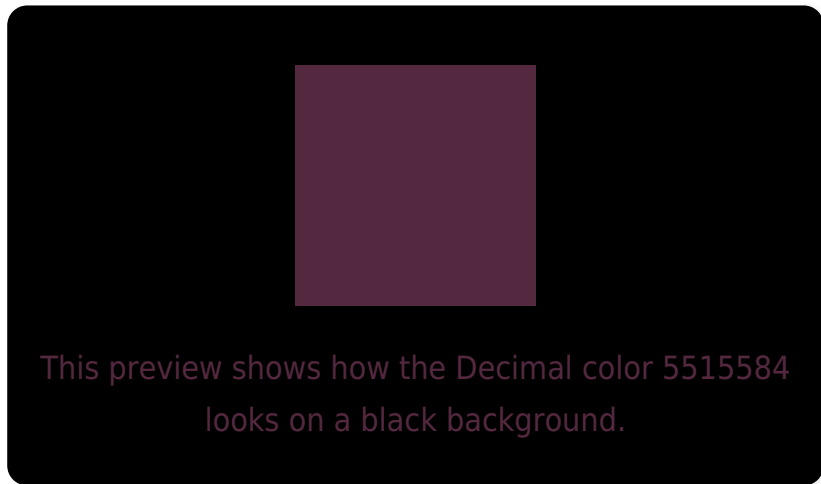
Large Text (above 18pt) WCAG AA ✓ Pass

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

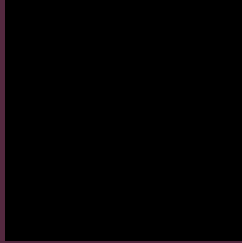
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5515584 Background



This preview shows how black text looks on a background with the Decimal color 5515584.



This preview shows how white text looks on a background with the Decimal color 5515584.

# 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**  
5515584

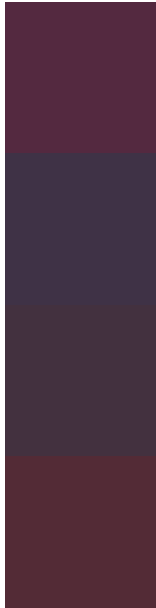
**Protanopia**  
3356490

**Deuteranopia**  
3814974



**Tritanopia**  
5385264

# Trichromacy



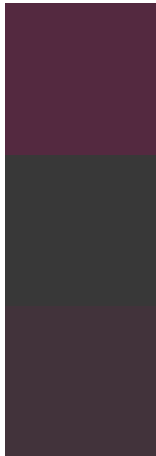
**Original Color**  
5515584

**Protanomaly**  
4141638

**Deuteranomaly**  
4403519

**Tritanomaly**  
5450550

# Monochromacy



**Original Color**  
5515584

**Achromatopsia**  
3684408

**Achromatomaly**  
4338491

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5515584 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 #542940 looks like.

```
.text, #text, p{  
    color:#542940  
}
```

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 #542940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #542940
}
```

## Border

The CSS property to change the border of an element to Decimal 5515584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

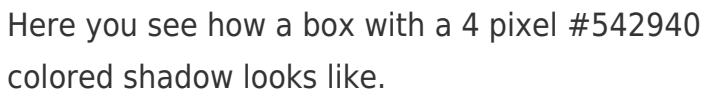
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#542940 }
```

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

```
.border{ border-color:#542940 }
```

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



Here you see how a box with a 4 pixel #542940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #542940; -webkit-box-shadow:4px 4px  
4px 4px #542940; box-shadow:4px 4px 4px  
4px #542940 }
```

# Background

The CSS property to change the background color of an element to Decimal 5515584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#542940 }
```

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

```
.background{ background-color:#542940 }
```

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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