

Converting Colors

Decimal(5252935)

Have a look what the booklet for
Decimal(5252935) contains.

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Color

Decimal(5252935)

Conversions

Conversions Part 1

Format	Color
Hex	502747
RGB	80, 39, 71
RGB Percent	31%, 15%, 28%
CMY	0.6863, 0.8471, 0.7216
CMYK	0.00, 0.51, 0.11, 0.69
HSL	313°, 34%, 23%
HSV	313°, 51%, 31%
XYZ	5.1711, 3.6114, 6.3858
YIQ	54.9070, 14.1640, 18.6440

Conversions

Conversions Part 2

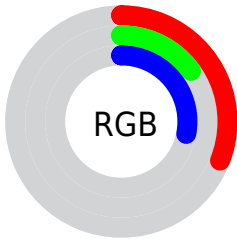
Format	Color
R_{YB}	80, 39, 71
Decimal	5252935
CIE Lab	22.34, 24.19, -11.60
CIE LCh	22, 26.825, 334.387
Yxy	3.6114, 0.3409, 0.2381
Android (android.graphics.Color)	4283443015 (0xFF502747)
YUV	54.9070, 7.9338, 22.0066
Hunter-Lab	19.0038, 15.3149, -6.6203

Details

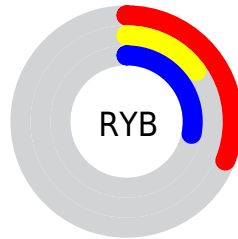
The Decimal color **5252935** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2576432**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **8541815**, and **2359324** is the 20% darker color. If you saturate the color by 10%, you get **5250885**, and if you desaturate by 10%, it is **5254985**.

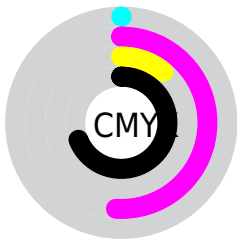
Distribution



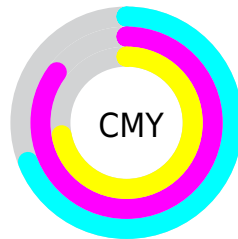
- Red (31%)
- Green (15%)
- Blue (28%)



- Red (31%)
- Yellow (15%)
- Blue (28%)



- Cyan (0%)
- Magenta (51%)
- Yellow (11%)
- Black (69%)



- Cyan (69%)
- Magenta (85%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5252935 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 5252935 by changing the saturation by 10% instead.

■ 5252935

■ 5252935

16777215

■ 3674417

■ 8541815

■ 2359324

■ 10317457

■ 0

■ 12093612

■ 13935559

■ 15843043

■ 16767743

■ 16774911

■ 5252935

■ 5252935

■ 5250885

■ 5254985

■ 5248835

■ 5257035

■ 5246786

■ 5259084

■ 5244736

■ 5261134

■ 5242942

■ 5263184

■ 5265234

■ 5267283

■ 5269333

■ 5271383

Harmonies

Analogous

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



3813206



5252935



5907251

Triad

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



5252935



4076810



16203

Complementary

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



5252935



2576432

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.



16184



5252935



2702099

Square

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



5252935



5123601



605731



15449

Rectangle

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



5252935



5907750



605731



16197

Sweetspot

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



5252935



6904165



3155792



3550259



11908533



3552822

Same Dimension

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



5252935



6891610



5252915



2696488



6881362



15204533

Inverse Universe

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



5252935



6891610



2576452



2696488



6881362



15204533

Previews

White Background



This preview shows how the Decimal color 5252935 looks on a white background.

Color Contrast Check

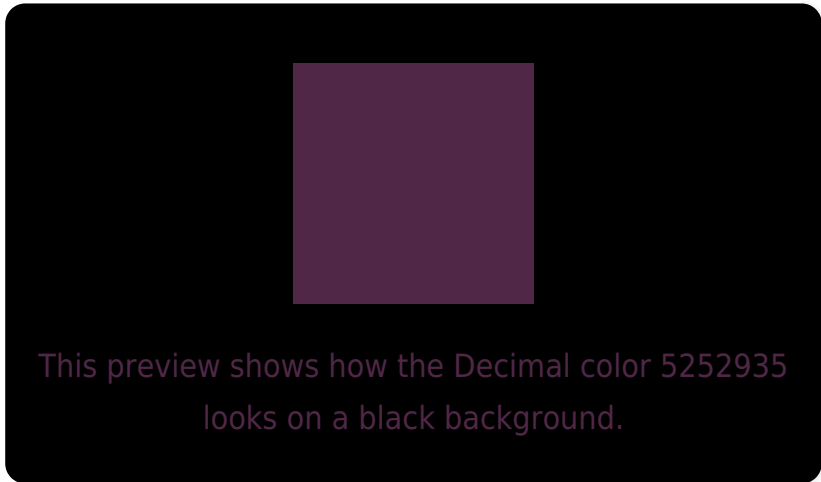
Large Text (above 18pt) WCAG AA ✓ Pass

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

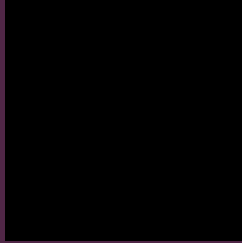
Any Text WCAG AA × Fail

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 5252935 Background



This preview shows how black text looks on a background with the Decimal color 5252935.



This preview shows how white text looks on a background with the Decimal color 5252935.

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
5252935

Protanopia
2897234

Deuteranopia
3421509

Trichromacy



Original Color
5252935

Protanomaly
3747918

Deuteranomaly
4075590

Tritanomaly
5122616

Monochromacy



Original Color
5252935

Achromatopsia
3618615

Achromatomaly
4206909

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5252935 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 #502747 looks like.

```
.text, #text, p{  
  color:#502747  
}
```

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 #502747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502747
}
```

Border

The CSS property to change the border of an element to Decimal 5252935 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".

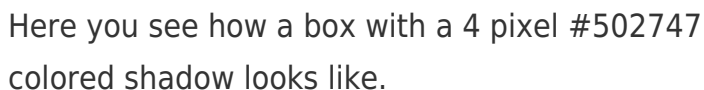
```
.border, #border, table{ border:4px solid
#502747 }
```

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

```
.border{ border-color:#502747 }
```

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

Here you see how a box with a 4 pixel #502747 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502747; -webkit-box-shadow:4px 4px  
4px 4px #502747; box-shadow:4px 4px 4px  
4px #502747 }
```

Background

The CSS property to change the background color of an element to Decimal 5252935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502747 }
```

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

```
.background{ background-color:#502747 }
```

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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