

Converting Colors

Decimal(5323143)

Have a look what the booklet for
Decimal(5323143) contains.

Decimal(5323143)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5323143)

Conversions

Conversions Part 1

Format	Color
Hex	513987
RGB	81, 57, 135
RGB Percent	32%, 22%, 53%
CMY	0.6824, 0.7765, 0.4706
CMYK	0.40, 0.58, 0.00, 0.47
HSL	258°, 41%, 38%
HSV	258°, 58%, 53%
XYZ	9.2296, 6.4249, 23.6753
YIQ	73.0680, -10.7340, 29.3460

Conversions

Conversions Part 2

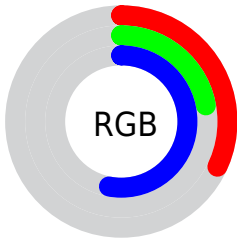
Format	Color
R_{YB}	81, 57, 135
Decimal	5323143
CIE _{Lab}	30.46, 29.56, -40.16
CIE _{LCh}	30, 49.868, 306.354
Yxy	6.4249, 0.2347, 0.1634
Android (android.graphics.Color)	4283513223 (0xFF513987)
YUV	73.0680, 30.5325, 6.9564
Hunter-Lab	25.3473, 20.6389, -37.6360

Details

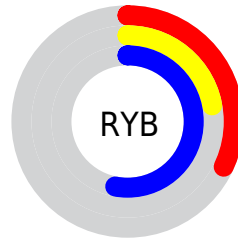
The Decimal color **5323143** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7309113**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **8808893**, and **1838420** is the 20% darker color. If you saturate the color by 10%, you get **4729735**, and if you desaturate by 10%, it is **5916295**.

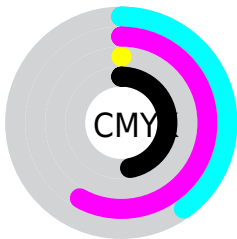
Distribution



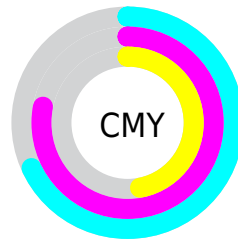
- Red (32%)
- Green (22%)
- Blue (53%)



- Red (32%)
- Yellow (22%)
- Blue (53%)



- Cyan (40%)
- Magenta (58%)
- Yellow (0%)
- Black (47%)



- Cyan (68%)
- Magenta (78%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5323143 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 5323143 by changing the saturation by 10% instead.

■ 5323143

■ 5323143

16777215

■ 3613549

■ 8808893

■ 1838420

■ 10584793

■ 524349

■ 12426742

■ 806

■ 14268671

■ 271

■ 16176127

■ 0

■ 16773375

■ 5323143

■ 5323143

■ 4729735

■ 5916295

■ 4071047

■ 6575239

■ 3477639

■ 7168391

■ 2884487

■ 7761799

■ 2752647

■ 8420743

■ 9013895

■ 9607303

■ 10265991

■ 10859399

Harmonies

Analogous

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



19094



5323143



8069992

Triad

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



5323143



7354880



22863

Complementary

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



5323143



7309113

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.



22310



5323143



5327104

Square

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



5323143



8725788



2511360



22645

Rectangle

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



5323143



8918862



2511360



22594

Sweetspot

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



5323143



10195632



3764359



5064537



14277081



5855577

Same Dimension

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



5323143



6043568



7813511



4078658



2621570



65539

Inverse Universe

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



8862063



11548555



4818745



4340800



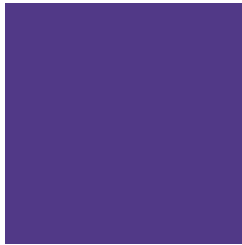
8519770



196610

Previews

White Background



This preview shows how the Decimal color 5323143 looks on a white background.

Color Contrast Check

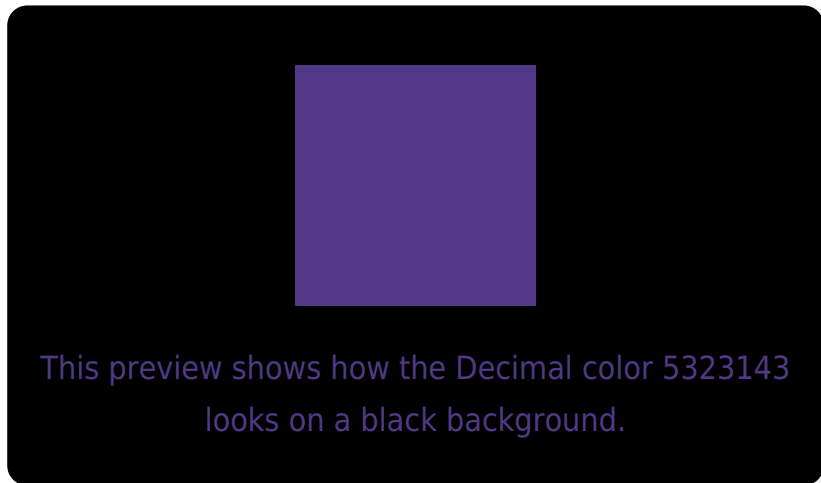
Large Text (above 18pt) WCAG AA ✓ Pass

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

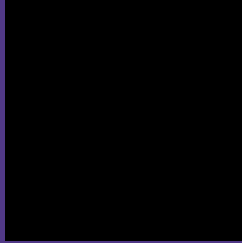
Any Text WCAG AA × Fail

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 5323143 Background



This preview shows how black text looks on a background with the Decimal color 5323143.



This preview shows how white text looks on a background with the Decimal color 5323143.

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





Tritanopia
4474958

Trichromacy



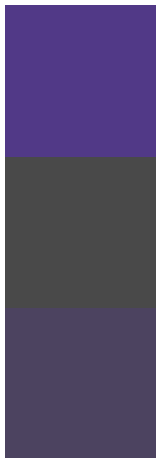
Original Color
5323143

Protanomaly
1917327

Deuteranomaly
1917828

Tritanomaly
4801379

Monochromacy



Original Color
5323143

Achromatopsia
4802889

Achromatomaly
4997984

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5323143 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 #513987 looks like.

```
.text, #text, p{  
    color:#513987  
}
```

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 #513987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513987
}
```

Border

The CSS property to change the border of an element to Decimal 5323143 is called "border". The border property can be set on classes, ids or directly on the HTML element.

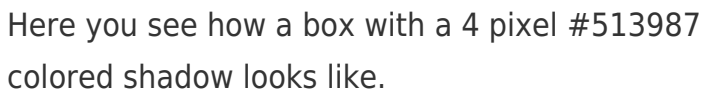
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513987 }
```

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

```
.border{ border-color:#513987 }
```

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



Here you see how a box with a 4 pixel #513987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513987; -webkit-box-shadow:4px 4px  
4px 4px #513987; box-shadow:4px 4px 4px  
4px #513987 }
```

Background

The CSS property to change the background color of an element to Decimal 5323143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513987 }
```

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

```
.background{ background-color:#513987 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor