

# Converting Colors

Decimal(5326949)

Have a look what the booklet for  
Decimal(5326949) contains.

<b>Decimal(5326949)</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(5326949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	514865
RGB	81, 72, 101
RGB Percent	32%, 28%, 40%
CMY	0.6824, 0.7176, 0.6039
CMYK	0.20, 0.29, 0.00, 0.60
HSL	259°, 17%, 34%
HSV	259°, 29%, 40%
XYZ	8.0597, 7.3236, 13.3007
YIQ	77.9970, -3.9450, 10.9270

# Conversions

## Conversions Part 2

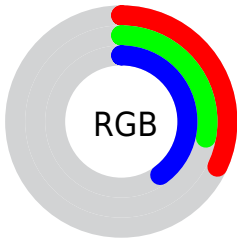
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 72, 101
Decimal	5326949
CIE <sub>Lab</sub>	32.53, 10.47, -15.56
CIE <sub>LCh</sub>	33, 18.756, 303.947
Yxy	7.3236, 0.2810, 0.2553
Android (android.graphics.Color)	4283517029 (0xFF514865)
YUV	77.9970, 11.3405, 2.6336
Hunter-Lab	27.0622, 5.8019, -10.1967

# Details

The Decimal color **5326949** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6055240**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **8616088**, and **2366518** is the 20% darker color. If you saturate the color by 10%, you get **4865637**, and if you desaturate by 10%, it is **5788261**.

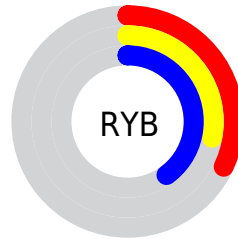
# Distribution



 Red (32%)

 Green (28%)

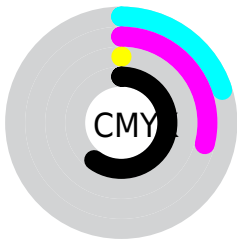
 Blue (40%)



 Red (32%)

 Yellow (28%)

 Blue (40%)

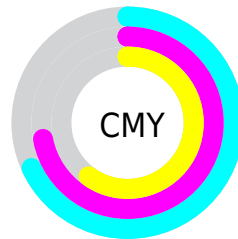


 Cyan (20%)

 Magenta (29%)

 Yellow (0%)

 Black (60%)



 Cyan (68%)

 Magenta (72%)

 Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5326949 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 5326949 by changing the saturation by 10% instead.



■ 5326949

■ 5326949

16777215

■ 3813965

■ 8616088

■ 2366518

■ 10326707

■ 1049377

■ 12103118

■ 7

■ 13945067

■ 0

■ 15787263

■ 5326949

■ 5326949

■ 4865637

■ 5788261

■ 4404325

■ 6249573

■ 3943013

■ 6710885

■ 3481701

■ 7172197

■ 3020389

■ 7633765

■ 2558821

■ 8095077

■ 2097509

■ 8556389

■ 2031717

■ 9017701

■ 9479013

# Harmonies

## Analogous

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



3886442



5326949



6374234

# Triad

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



5326949



6375218



2250062

# Complementary

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



5326949



6055240

# 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.



3363647



5326949



5590063

# Square

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



5326949



6898493



4542772



1659996

# Rectangle

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



5326949



6767184



4542772



2643017



# Sweetspot

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



5326949



8025730



4742245



4012866



12763842



4342338



# Same Dimension

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



5326949



6575746



6244453



3092019



2359411



4915442



# Inverse Universe

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



6637660



8541812



5137736



3354161



7536719



15859879



# Previews

## White Background



This preview shows how the Decimal color 5326949 looks on a white background.

## Color Contrast Check

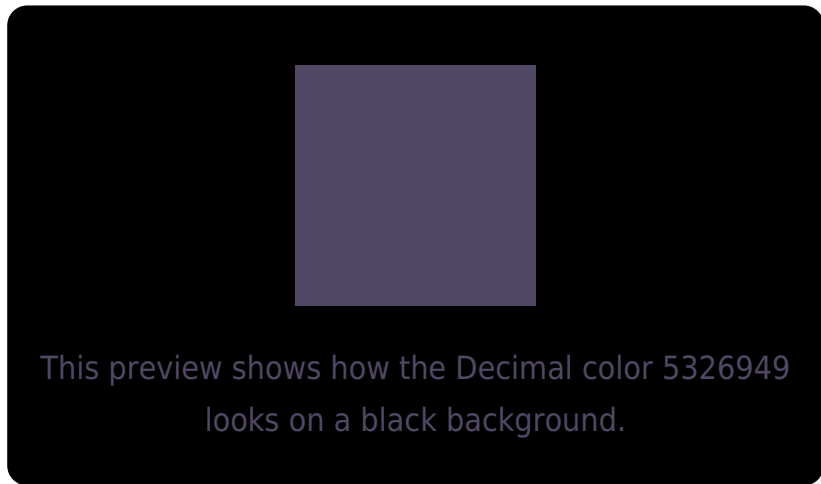
Large Text (above 18pt) WCAG AA ✓ Pass

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

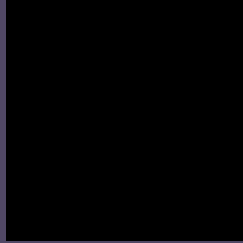
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5326949 Background



This preview shows how black text looks on a background with the Decimal color 5326949.

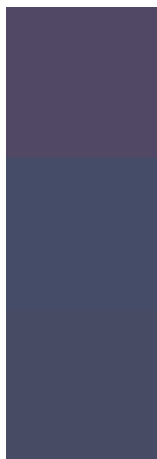


This preview shows how white text looks on a background with the Decimal color 5326949.

# 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**


5326949

**Protanopia**

4476008

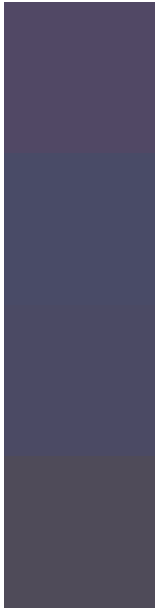
**Deuteranopia**

4672356



**Tritanopia**  
5131346

# Trichromacy



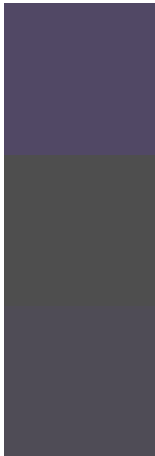
**Original Color**  
5326949

**Protanomaly**  
4803431

**Deuteranomaly**  
4934244

**Tritanomaly**  
5196633

# Monochromacy



**Original Color**  
5326949

**Achromatopsia**  
5131854

**Achromatomaly**  
5196886

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5326949 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 #514865 looks like.

```
.text, #text, p{  
    color:#514865  
}
```

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 #514865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #514865
}
```

## Border

The CSS property to change the border of an element to Decimal 5326949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

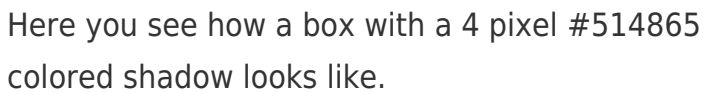
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#514865 }
```

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

```
.border{ border-color:#514865 }
```

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



Here you see how a box with a 4 pixel #514865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #514865; -webkit-box-shadow:4px 4px  
4px 4px #514865; box-shadow:4px 4px 4px  
4px #514865 }
```

# Background

The CSS property to change the background color of an element to Decimal 5326949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#514865 }
```

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

```
.background{ background-color:#514865 }
```

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