

# Converting Colors

Decimal(5262149)

Have a look what the booklet for  
Decimal(5262149) contains.

<b>Decimal(5262149)</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(5262149)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	504B45
RGB	80, 75, 69
RGB Percent	31%, 29%, 27%
CMY	0.6863, 0.7059, 0.7294
CMYK	0.00, 0.06, 0.14, 0.69
HSL	33°, 7%, 29%
HSV	33°, 14%, 31%
XYZ	6.8985, 7.1673, 6.6501
YIQ	75.8110, 4.9060, -0.8060

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 80, 69
Decimal	5262149
CIELab	32.18, 0.87, 4.31
CIELCh	32, 4.402, 78.568
Yxy	7.1673, 0.3330, 0.3460
Android (android.graphics.Color)	4283452229 (0xFF504B45)
YUV	75.8110, -3.3578, 3.6738
Hunter-Lab	26.7718, -0.8551, 4.0128

# Details

The Decimal color **5262149** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4541008**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **8486005**, and **2301722** is the 20% darker color. If you saturate the color by 10%, you get **5261117**, and if you desaturate by 10%, it is **5263181**.

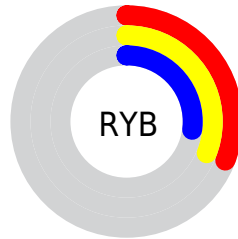
# Distribution



 Red (31%)

 Green (29%)

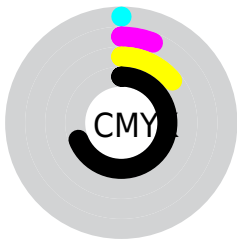
 Blue (27%)



 Red (31%)

 Yellow (31%)

 Blue (27%)

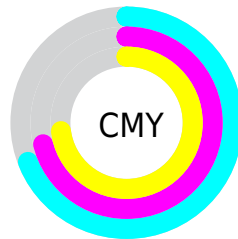


 Cyan (0%)

 Magenta (6%)

 Yellow (14%)

 Black (69%)



 Cyan (69%)

 Magenta (71%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5262149 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 5262149 by changing the saturation by 10% instead.



■ 5262149

■ 5262149

16777215

■ 3748911

■ 8486005

■ 2301722

■ 10196367

■ 919296

■ 11972777

■ 0

■ 13814980

■ 15657184

16777213

■ 5262149

■ 5262149

■ 5261117

■ 5263181

■ 5260341

■ 5263957

■ 5259309

■ 5264989

■ 5258277

■ 5266021

■ 5257501

■ 5266797

■ 5256469

■ 5267829

■ 5255693

■ 5268605

■ 5254661

■ 5269637

■ 5254144

■ 5270669

# Harmonies

## Analogous

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



5458503



5262149



5000261

# Triad

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



5262149



4410958



5196368

# Complementary

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



5262149



4541008

# 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.



4934482



5262149



4476241

# Square

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



5262149



4542026



4672594



5392973

# Rectangle

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



5262149



4869446



4672594



5131089



# Sweetspot

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



5262149



6907748



5260618



3552307



11908533



3552822



# Same Dimension

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



5262149



6905943



5263429



2696997



6895872



15236864



# Inverse Universe

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



4541008



5726057



4539728



2434857



12393



27112



# Previews

## White Background



This preview shows how the Decimal color 5262149 looks on a white background.

## Color Contrast Check

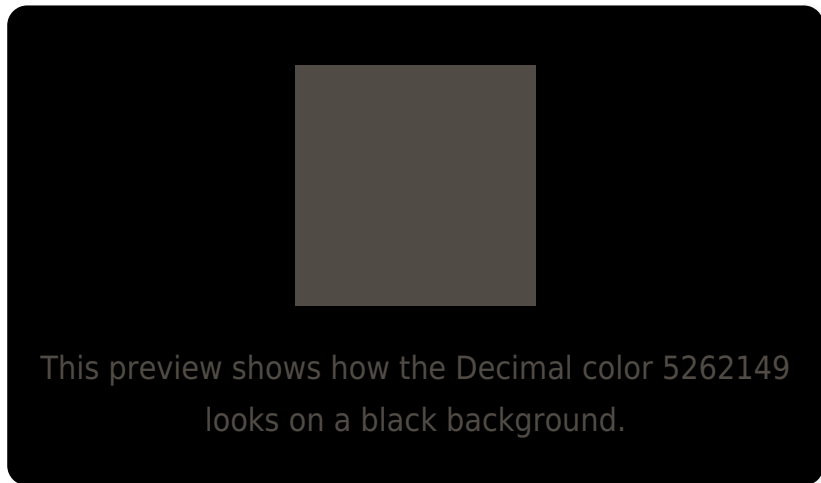
Large Text (above 18pt) WCAG AA ✓ Pass

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

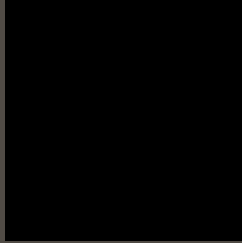
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5262149 Background



This preview shows how black text looks on a background with the Decimal color 5262149.

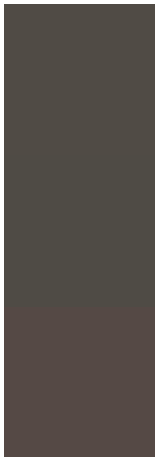


This preview shows how white text looks on a background with the Decimal color 5262149.

# 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**  
5262149

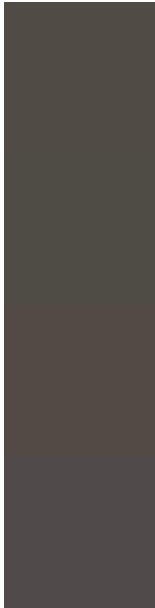
**Protanopia**  
5196613

**Deuteranopia**  
5589317



**Tritanopia**  
5327183

# Trichromacy



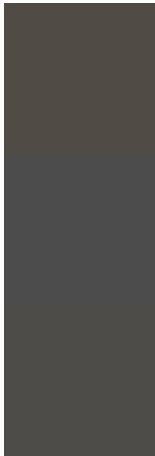
**Original Color**  
5262149

**Protanomaly**  
5196613

**Deuteranomaly**  
5458501

**Tritanomaly**  
5327435

# Monochromacy



**Original Color**  
5262149

**Achromatopsia**  
5000268

**Achromatomaly**  
5065801

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5262149 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 #504B45 looks like.

```
.text, #text, p{  
    color:#504B45  
}
```

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 #504B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504B45
}
```

## Border

The CSS property to change the border of an element to Decimal 5262149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

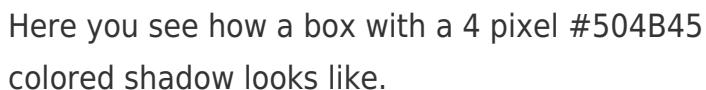
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#504B45 }
```

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

```
.border{ border-color:#504B45 }
```

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



Here you see how a box with a 4 pixel #504B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504B45; -webkit-box-shadow:4px 4px  
4px 4px #504B45; box-shadow:4px 4px 4px  
4px #504B45 }
```

# Background

The CSS property to change the background color of an element to Decimal 5262149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504B45 }
```

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

```
.background{ background-color:#504B45 }
```

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