

Converting Colors

Decimal(5326411)

Have a look what the booklet for
Decimal(5326411) contains.

Decimal(5326411)	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(5326411)

Conversions

Conversions Part 1

Format	Color
Hex	51464B
RGB	81, 70, 75
RGB Percent	32%, 27%, 29%
CMY	0.6824, 0.7255, 0.7059
CMYK	0.00, 0.14, 0.07, 0.68
HSL	333°, 7%, 30%
HSV	333°, 14%, 32%
XYZ	6.8535, 6.6376, 7.5766
YIQ	73.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

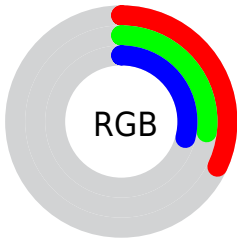
Format	Color
R_{YB}	81, 70, 75
Decimal	5326411
CIE Lab	30.97, 5.67, -1.28
CIE LCh	31, 5.809, 347.229
Yxy	6.6376, 0.3253, 0.3151
Android (android.graphics.Color)	4283516491 (0xFF51464B)
YUV	73.8590, 0.5625, 6.2627
Hunter-Lab	25.7636, 2.3972, 0.5985

Details

The Decimal color **5326411** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4608332**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **8550012**, and **2366239** is the 20% darker color. If you saturate the color by 10%, you get **5324359**, and if you desaturate by 10%, it is **5328463**.

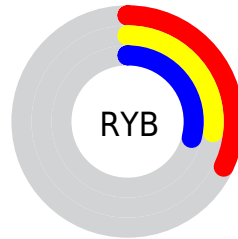
Distribution



 Red (32%)

 Green (27%)

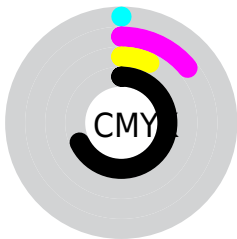
 Blue (29%)



 Red (32%)

 Yellow (27%)

 Blue (29%)

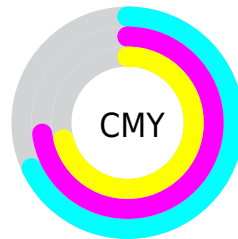


 Cyan (0%)

 Magenta (14%)

 Yellow (7%)

 Black (68%)



 Cyan (68%)

 Magenta (73%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5326411 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 5326411 by changing the saturation by 10% instead.

■ 5326411

■ 5326411

16777215

■ 3813428

■ 8550012

■ 2366239

■ 10260629

■ 1048583

■ 12036784

■ 0

■ 13878988

■ 15721192

16776959

■ 5326411

■ 5326411

■ 5324359

■ 5328463

■ 5322306

■ 5330516

■ 5320254

■ 5332568

■ 5318201

■ 5334621

■ 5316149

■ 5336929

■ 5313840

■ 5338982

■ 5311788

■ 5341034

■ 5309736

■ 5343086

■ 5308453

■ 5345139

Harmonies

Analogous

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



5064527



5326411



5457478

Triad

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



5326411



4868416



4082511

Complementary

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



5326411



4608332

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.



4082763



5326411



4541251

Square

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



5326411



5195840



4213575



4344402

Rectangle

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



5326411



5391940



4213575



4082510

Sweetspot

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



5326411



6906982



4998737



3552052



11908533



3552822

Same Dimension

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



5326411



6903903



5326406



2696487



6881328



15204457

Inverse Universe

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



5326411



6903903



4608337



2696487



6881328



15204457

Previews

White Background



This preview shows how the Decimal color 5326411 looks on a white background.

Color Contrast Check

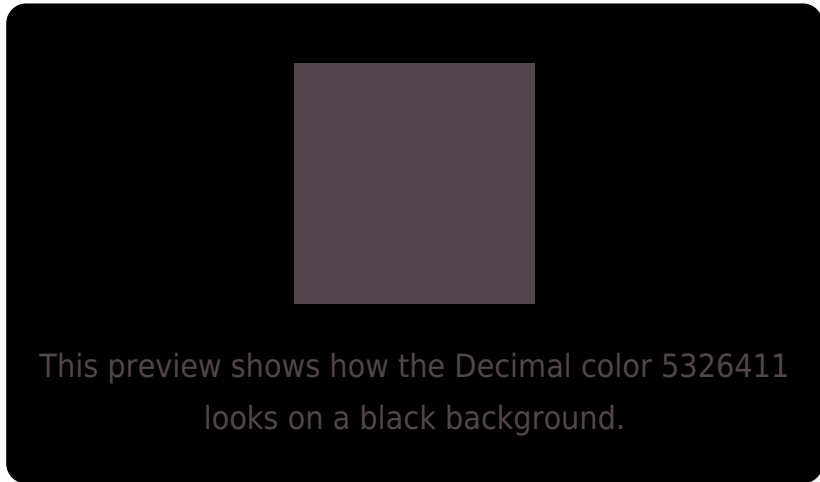
Large Text (above 18pt) WCAG AA ✓ Pass

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

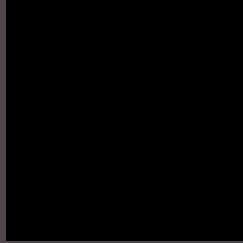
Any Text WCAG AA × Fail

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 5326411 Background



This preview shows how black text looks on a background with the Decimal color 5326411.



This preview shows how white text looks on a background with the Decimal color 5326411.

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](#).

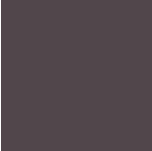
Dichromacy



Original Color
5326411

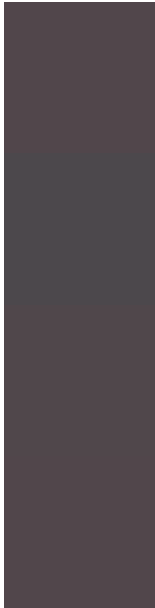
Protanopia
4802893

Deuteranopia
5195595



Tritanopia
5326411

Trichromacy



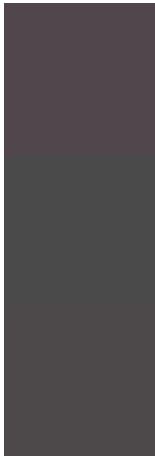
Original Color
5326411

Protanomaly
4999244

Deuteranomaly
5261131

Tritanomaly
5326411

Monochromacy



Original Color
5326411

Achromatopsia
4868682

Achromatomaly
5065034

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5326411 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 #51464B looks like.

```
.text, #text, p{  
  color:#51464B  
}
```

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 #51464B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51464B
}
```

Border

The CSS property to change the border of an element to Decimal 5326411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

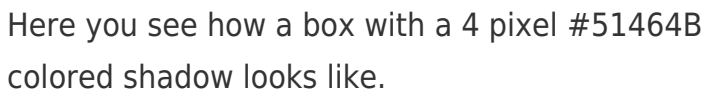
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51464B }
```

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

```
.border{ border-color:#51464B }
```

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



Here you see how a box with a 4 pixel #51464B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51464B; -webkit-box-shadow:4px 4px  
4px 4px #51464B; box-shadow:4px 4px 4px  
4px #51464B }
```

Background

The CSS property to change the background color of an element to Decimal 5326411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51464B }
```

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

```
.background{ background-color:#51464B }
```

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