

Converting Colors

Decimal(5260307)

Have a look what the booklet for
Decimal(5260307) contains.

Decimal(5260307)	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(5260307)

Conversions

Conversions Part 1

Format	Color
Hex	504413
RGB	80, 68, 19
RGB Percent	31%, 27%, 7%
CMY	0.6863, 0.7333, 0.9255
CMYK	0.00, 0.15, 0.76, 0.69
HSL	48°, 62%, 19%
HSV	48°, 76%, 31%
XYZ	5.4929, 5.8867, 1.4628
YIQ	66.0020, 22.8810, -12.6950

Conversions

Conversions Part 2

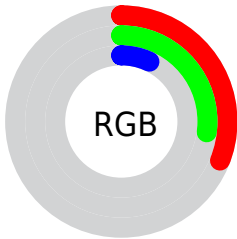
Format	Color
R_{YB}	34, 80, 19
Decimal	5260307
CIE _{Lab}	29.12, -1.19, 30.26
CIE _{LCh}	29, 30.280, 92.256
Yxy	5.8867, 0.4277, 0.4584
Android (android.graphics.Color)	4283450387 (0xFF504413)
YUV	66.0020, -23.1720, 12.2762
Hunter-Lab	24.2626, -2.0480, 13.4091

Details

The Decimal color **5260307** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1253200**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **8614977**, and **2103552** is the 20% darker color. If you saturate the color by 10%, you get **5259787**, and if you desaturate by 10%, it is **5260827**.

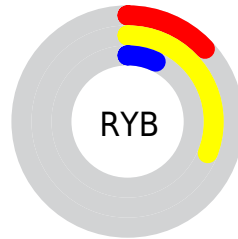
Distribution



 Red (31%)

 Green (27%)

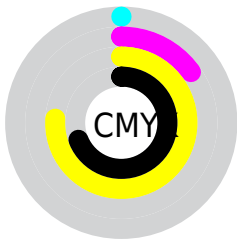
 Blue (7%)



 Red (13%)

 Yellow (31%)

 Blue (7%)

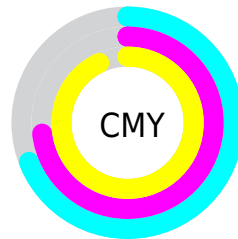


 Cyan (0%)

 Magenta (15%)

 Yellow (76%)

 Black (69%)



 Cyan (69%)

 Magenta (73%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5260307 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 5260307 by changing the saturation by 10% instead.

■ 5260307

■ 5260307

■ 16777210

■ 3681792

■ 8614977

■ 2103552

■ 10390873

■ 0

■ 12232818

■ 14074764

■ 15982502

■ 16776130

■ 16777182

■ 5260307

■ 5260307

■ 5259787

■ 5260827

■ 5259523

■ 5261091

■ 5259264

■ 5261611

■ 5261875

■ 5262395

■ 5262659

■ 5263179

■ 5263699

■ 5263963

Harmonies

Analogous

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



6503195



5260307



3689243

Triad

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



5260307



20573



6501467

Complementary

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



5260307



1253200

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.



4734572



5260307



19822

Square

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



5260307



20550



1525619



7286852

Rectangle

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



5260307



2379047



1525619



5977954

Sweetspot

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



5260307



6906961



5247775



3552039



11908533



3552822

Same Dimension

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



5260307



6903304



4083731



2697253



6902784



15251968

Inverse Universe

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



1253200



531305



2429776



2434601



5481



12008

Previews

White Background



This preview shows how the Decimal color 5260307 looks on a white background.

Color Contrast Check

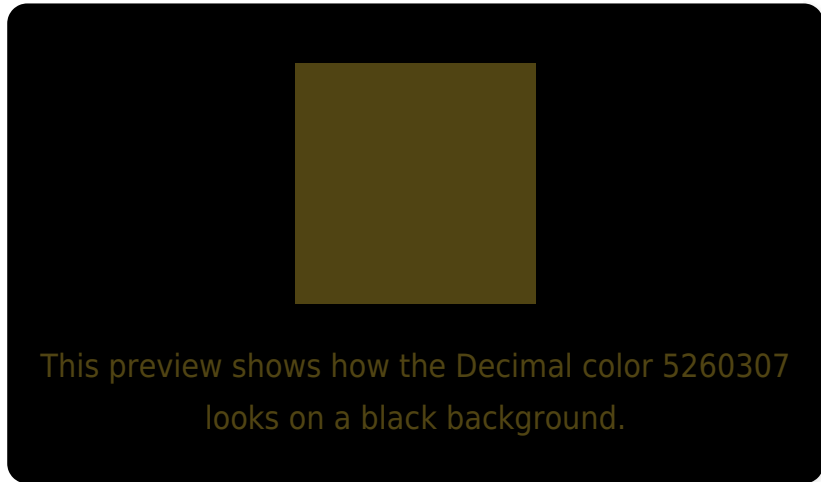
Large Text (above 18pt) WCAG AA ✓ Pass

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

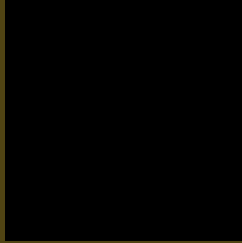
Any Text WCAG AA × Fail

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 5260307 Background



This preview shows how black text looks on a background with the Decimal color 5260307.



This preview shows how white text looks on a background with the Decimal color 5260307.

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
5260307

Protanopia
5063955

Deuteranopia
5652756

Trichromacy



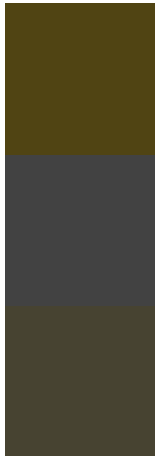
Original Color
5260307

Protanomaly
5129491

Deuteranomaly
5521940

Tritanomaly
5456178

Monochromacy



Original Color
5260307

Achromatopsia
4342338

Achromatomaly
4670257

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5260307 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 #504413 looks like.

```
.text, #text, p{  
    color:#504413  
}
```

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 #504413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504413
}
```

Border

The CSS property to change the border of an element to Decimal 5260307 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
#504413 }
```

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

```
.border{ border-color:#504413 }
```

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

Here you see how a box with a 4 pixel #504413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504413; -webkit-box-shadow:4px 4px  
4px 4px #504413; box-shadow:4px 4px 4px  
4px #504413 }
```

Background

The CSS property to change the background color of an element to Decimal 5260307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504413 }
```

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

```
.background{ background-color:#504413 }
```

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