

Converting Colors

Decimal(5192213)

Have a look what the booklet for
Decimal(5192213) contains.

Decimal(5192213)	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(5192213)

Conversions

Conversions Part 1

Format	Color
Hex	4F3A15
RGB	79, 58, 21
RGB Percent	31%, 23%, 8%
CMY	0.6902, 0.7725, 0.9176
CMYK	0.00, 0.27, 0.73, 0.69
HSL	38°, 58%, 20%
HSV	38°, 73%, 31%
XYZ	4.8729, 4.7425, 1.3680
YIQ	60.0610, 24.3930, -7.0550

Conversions

Conversions Part 2

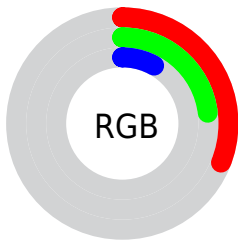
Format	Color
RYB	54, 79, 21
Decimal	5192213
CIELab	25.99, 4.76, 25.90
CIElCh	26, 26.332, 79.582
Yxy	4.7425, 0.4437, 0.4318
Android (android.graphics.Color)	4283382293 (0xFF4F3A15)
YUV	60.0610, -19.2571, 16.6095
Hunter-Lab	21.7773, 1.8306, 11.5196

Details


The Decimal color **5192213** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1387087**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **8546626**, and **2035712** is the 20% darker color. If you saturate the color by 10%, you get **5191437**, and if you desaturate by 10%, it is **5192989**.

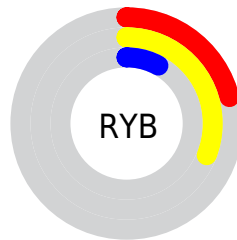
Distribution



 Red (31%)

 Green (23%)

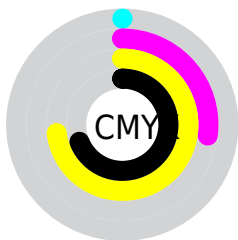
 Blue (8%)





 Red (21%)

 Yellow (31%)

 Blue (8%)

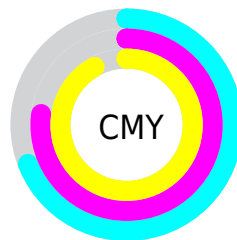


 Cyan (0%)

 Magenta (27%)

 Yellow (73%)

 Black (69%)



 Cyan (69%)

 Magenta (77%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5192213 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 5192213 by changing the saturation by 10% instead.

 5192213

 5192213

 16777210


 3613696

 8546626

 2035712

 10322521

 0

 12164210

 14006156

 15913638

 16773058

 16777182

 5192213

 5192213

■ 5191437

■ 5192989

■ 5190661

■ 5193765

■ 5190144

■ 5194541

■ 5195061

■ 5195836

■ 5196612

■ 5197388

■ 5198164

■ 5198940

Harmonies

Analogous

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



6107936



5192213



3948566

Triad

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



5192213



18506



5190488

Complementary

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



5192213



1387087

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.



3357539



5192213



18012

Square

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



5192213



18230



16997



6237509

Rectangle

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



5192213



2966557



16997



4666972

Sweetspot

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



5192213



6708816



5182762



3354150



11776947



3355443

Same Dimension

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



5192213



6702604



4673301



2499874



6701312



15110656

Inverse Universe

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



1387087



798054



1905999



2237478



9574



21478

Previews

White Background



This preview shows how the Decimal color 5192213 looks on a white background.

Color Contrast Check

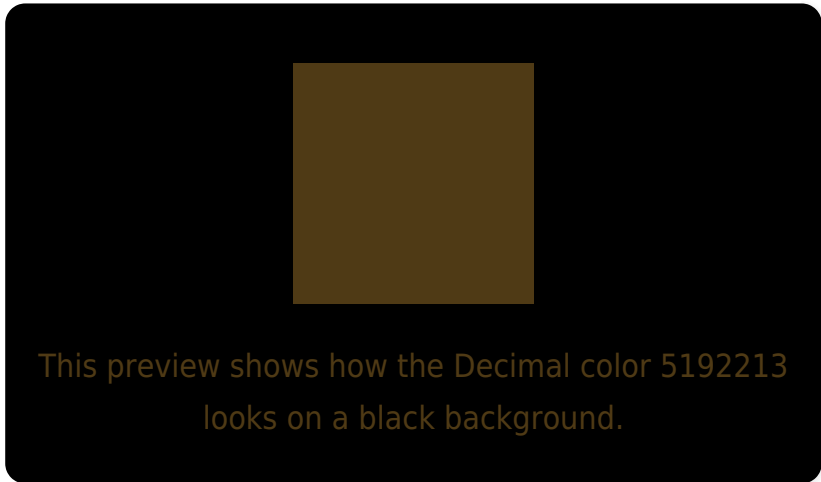
Large Text (above 18pt) WCAG AA ✓ Pass

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

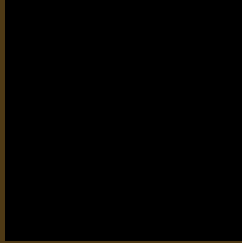
Any Text WCAG AA × Fail

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 5192213 Background



This preview shows how black text looks on a background with the Decimal color 5192213.



This preview shows how white text looks on a background with the Decimal color 5192213.

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
5192213

Protanopia
4537878

Deuteranopia
5061397



Tritanopia
5322298

Trichromacy



Original Color
5192213

Protanomaly
4799766

Deuteranomaly
5126933

Tritanomaly
5257005

Monochromacy



Original Color
5192213

Achromatopsia
3947580

Achromatomaly
4406062

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5192213 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 #4F3A15 looks like.

```
.text, #text, p{  
  color:#4F3A15  
}
```

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 #4F3A15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3A15
}
```

Border

The CSS property to change the border of an element to Decimal 5192213 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
#4F3A15 }
```

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

```
.border{ border-color:#4F3A15 }
```

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

Here you see how a box with a 4 pixel #4F3A15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3A15; -webkit-box-shadow:4px 4px  
4px 4px #4F3A15; box-shadow:4px 4px 4px  
4px #4F3A15 }
```

Background

The CSS property to change the background color of an element to Decimal 5192213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3A15 }
```

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

```
.background{ background-color:#4F3A15 }
```

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