

Converting Colors

Decimal(2954005)

Have a look what the booklet for
Decimal(2954005) contains.

Decimal(2954005)	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(2954005)

Conversions

Conversions Part 1

Format	Color
Hex	2D1315
RGB	45, 19, 21
RGB Percent	18%, 7%, 8%
CMY	0.8235, 0.9255, 0.9176
CMYK	0.00, 0.58, 0.53, 0.82
HSL	355°, 41%, 13%
HSV	355°, 58%, 18%
XYZ	1.4504, 1.0778, 0.8411
YIQ	27.0020, 14.8540, 6.1340

Conversions

Conversions Part 2

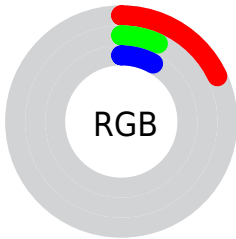
Format	Color
RYB	45, 19, 21
Decimal	2954005
CIELab	9.62, 13.57, 4.56
CIElCh	10, 14.320, 18.576
Yxy	1.0778, 0.4305, 0.3199
Android (android.graphics.Color)	4281144085 (0xFF2D1315)
YUV	27.0020, -2.9590, 15.7842
Hunter-Lab	10.3816, 6.7705, 2.4638

Details

The Decimal color **2954005** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1256747**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **6045247**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2952977**, and if you desaturate by 10%, it is **2955033**.

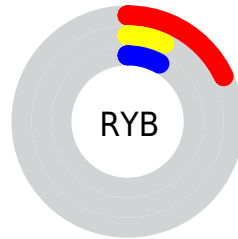
Distribution



Red (18%)

Green (7%)

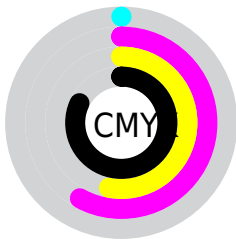
Blue (8%)



Red (18%)

Yellow (7%)

Blue (8%)

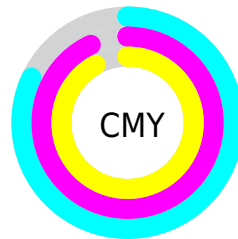


Cyan (0%)

Magenta (58%)

Yellow (53%)

Black (82%)



Cyan (82%)

Magenta (93%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2954005 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 2954005 by changing the saturation by 10% instead.

 2954005

 2954005

 16774646


 1638401

 6045247

 0

 7689558

 9399919

 11175816

 13017506

 14859453

 16767193

 2954005

 2954005

■ 2952977

■ 2955033

■ 2951693

■ 2956317

■ 2950409

■ 2957601

■ 2949380

■ 2958630

■ 2949123

■ 2959914

■ 2960942

■ 2962226

■ 2963254

■ 2964538

Harmonies

Analogous

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



2822943



2954005



2823433

Triad

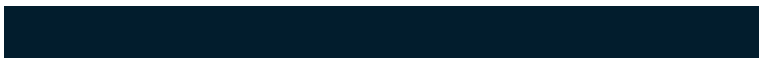
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2954005



1056267



138541

Complementary

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



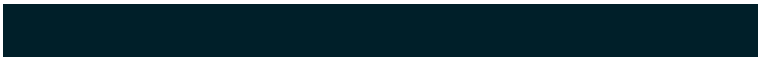
2954005



1256747

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.



7977



2954005



73751

Square

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



2954005



1842178



8225



1448493

Rectangle

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



2954005



2562051



8225



7724

Sweetspot

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



2954005



3879217



2822957



2037785



10395294



2039583

Same Dimension

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



2954005



3871253



2956819



1512725



5701639



14024720

Inverse Universe

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



2954005



3871253



1253933



1512725



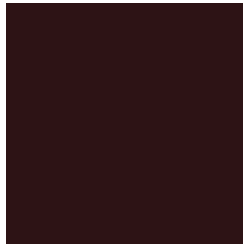
5701639



14024720

Previews

White Background



This preview shows how the Decimal color 2954005 looks on a white background.

Color Contrast Check

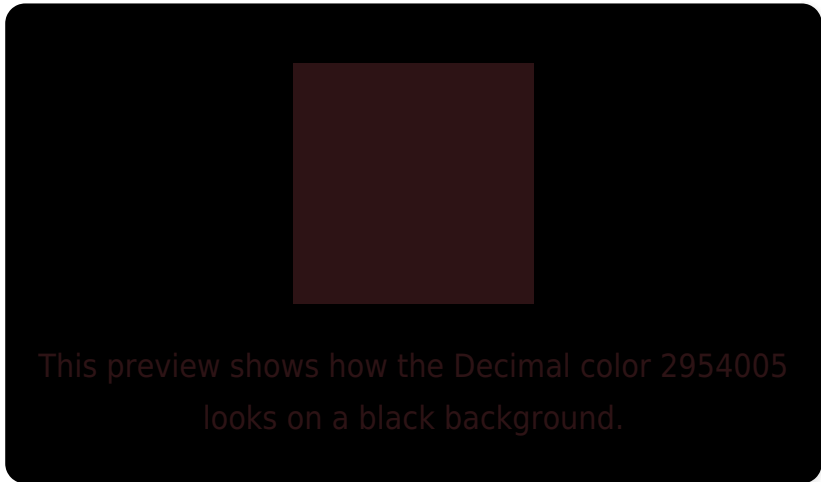
Large Text (above 18pt) WCAG AA ✓ Pass

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

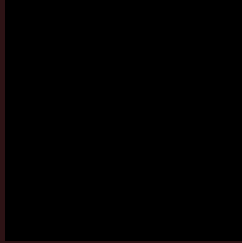
Any Text WCAG AA × Fail

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 2954005 Background



This preview shows how black text looks on a background with the Decimal color 2954005.

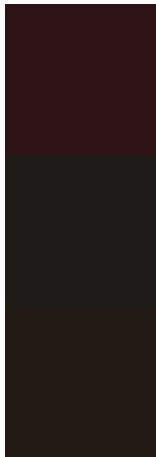


This preview shows how white text looks on a background with the Decimal color 2954005.

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
2954005

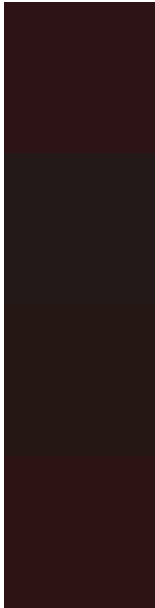
Protanopia
1907737

Deuteranopia
2169364



Tritanopia
2954004

Trichromacy



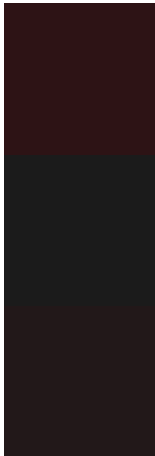
Original Color
2954005

Protanomaly
2300184

Deuteranomaly
2430740

Tritanomaly
2954004

Monochromacy



Original Color
2954005

Achromatopsia
1776411

Achromatomaly
2234393

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2954005 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 #2D1315 looks like.

```
.text, #text, p{  
    color:#2D1315  
}
```

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 #2D1315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1315
}
```

Border

The CSS property to change the border of an element to Decimal 2954005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

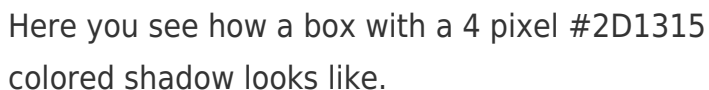
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1315 }
```

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

```
.border{ border-color:#2D1315 }
```

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



Here you see how a box with a 4 pixel #2D1315 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1315; -webkit-box-shadow:4px 4px  
4px 4px #2D1315; box-shadow:4px 4px 4px  
4px #2D1315 }
```

Background

The CSS property to change the background color of an element to Decimal 2954005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1315 }
```

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

```
.background{ background-color:#2D1315 }
```

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