

Converting Colors

Decimal(3025713)

Have a look what the booklet for
Decimal(3025713) contains.

Decimal(3025713)	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(3025713)

Conversions

Conversions Part 1

Format	Color
Hex	2E2B31
RGB	46, 43, 49
RGB Percent	18%, 17%, 19%
CMY	0.8196, 0.8314, 0.8078
CMYK	0.06, 0.12, 0.00, 0.81
HSL	270°, 7%, 18%
HSV	270°, 12%, 19%
XYZ	2.5450, 2.5303, 3.2600
YIQ	44.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

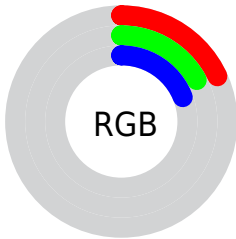
Format	Color
R_YB	46, 43, 49
Decimal	3025713
CIE Lab	18.06, 2.79, -3.39
CIE LCh	18, 4.391, 309.514
Yxy	2.5303, 0.3053, 0.3036
Android (android.graphics.Color)	4281215793 (0xFF2E2B31)
YUV	44.5810, 2.1786, 1.2445
Hunter-Lab	15.9071, 0.7208, -1.0160

Details

The Decimal color **3025713** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3027243**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **6051935**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2893361**, and if you desaturate by 10%, it is **3158065**.

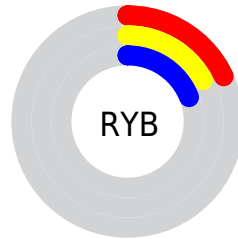
Distribution



Red (18%)

Green (17%)

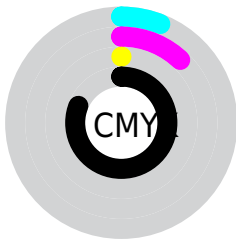
Blue (19%)



Red (18%)

Yellow (17%)

Blue (19%)

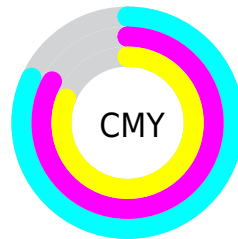


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (81%)



Cyan (82%)

Magenta (83%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3025713 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 3025713 by changing the saturation by 10% instead.

■ 3025713

■ 3025713

16777215

■ 1644316

■ 6051935

■ 0

■ 7631224

■ 9341585

■ 11052204

■ 12828871

■ 14670819

■ 16578815

■ 3025713

■ 3025713

■ 2893361

■ 3158065

■ 2695473

■ 3355953

■ 2563121

■ 3488305

■ 2365233

■ 3686193

■ 2233137

■ 3818545

■ 2035249

■ 4016177

■ 1902897

■ 4148529

■ 1705009

■ 4346417

■ 1572913

■ 4478769

Harmonies

Analogous

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



2763826



3025713



3222062

Triad

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



3025713



3222310



2436653

Complementary

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



3025713



3027243

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.



2567722



3025713



3025958

Square

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



3025713



3353128



2764071



2371120

Rectangle

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



3025713



3287596



2764071



2436652

Sweetspot

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



3025713



4078912



2829873



2105121



10592673



2171169

Same Dimension

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



3025713



3880512



3222321



1578778



2949209



7078105

Inverse Universe

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



3222318



4208187



2830635



1709848



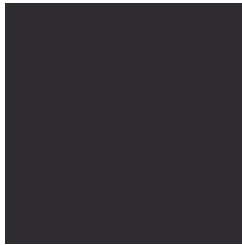
5832749



14221420

Previews

White Background



This preview shows how the Decimal color 3025713 looks on a white background.

Color Contrast Check

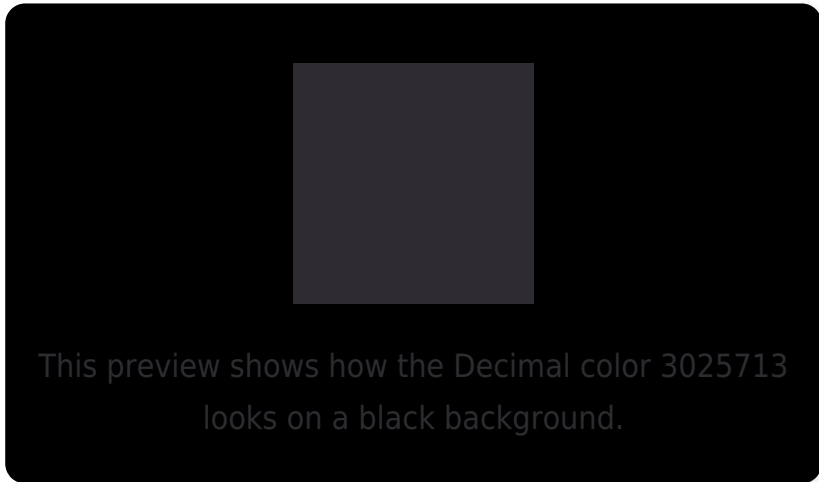
Large Text (above 18pt) WCAG AA ✓ Pass

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

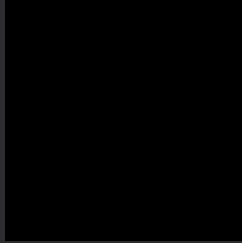
Any Text WCAG AA × Fail

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 3025713 Background



This preview shows how black text looks on a background with the Decimal color 3025713.

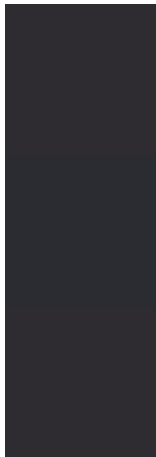


This preview shows how white text looks on a background with the Decimal color 3025713.

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
3025713

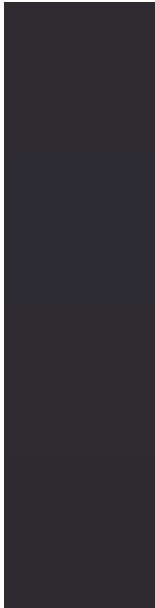
Protanopia
2829362

Deuteranopia
3025713



Tritanopia
3025711

Trichromacy



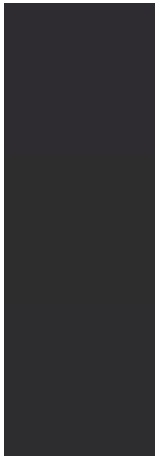
Original Color
3025713

Protanomaly
2894898

Deuteranomaly
3025713

Tritanomaly
3025712

Monochromacy



Original Color
3025713

Achromatopsia
2960685

Achromatomaly
2960430

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3025713 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 #2E2B31 looks like.

```
.text, #text, p{  
    color:#2E2B31  
}
```

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 #2E2B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2B31
}
```

Border

The CSS property to change the border of an element to Decimal 3025713 is called "border". The border property can be set on classes, ids or directly on the HTML element.

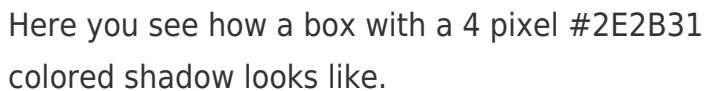
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2B31 }
```

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

```
.border{ border-color:#2E2B31 }
```

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



Here you see how a box with a 4 pixel #2E2B31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2B31; -webkit-box-shadow:4px 4px  
4px 4px #2E2B31; box-shadow:4px 4px 4px  
4px #2E2B31 }
```

Background

The CSS property to change the background color of an element to Decimal 3025713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2B31 }
```

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

```
.background{ background-color:#2E2B31 }
```

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