

Converting Colors

Decimal(2987264)

Have a look what the booklet for
Decimal(2987264) contains.

Decimal(2987264)	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(2987264)

Conversions

Conversions Part 1

Format	Color
Hex	2D9500
RGB	45, 149, 0
RGB Percent	18%, 58%, 0%
CMY	0.8235, 0.4157, 1.0000
CMYK	0.70, 0.00, 1.00, 0.42
HSL	102°, 100%, 29%
HSV	102°, 100%, 58%
XYZ	11.8296, 22.0528, 3.6331
YIQ	100.9180, -14.1550, -68.3870

Conversions

Conversions Part 2

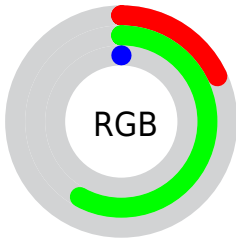
Format	Color
RYB	0, 149, 104
Decimal	2987264
CIELab	54.08, -52.44, 56.44
CIELCh	54, 77.046, 132.894
Yxy	22.0528, 0.3153, 0.5878
Android (android.graphics.Color)	4281177344 (0xFF2D9500)
YUV	100.9180, -49.7526, -49.0401
Hunter-Lab	46.9604, -37.2153, 28.2853

Details

The Decimal color **2987264** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6815893**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **7064645**, and **24832** is the 20% darker color. If you saturate the color by 10%, you get **2987264**, and if you desaturate by 10%, it is **3642639**.

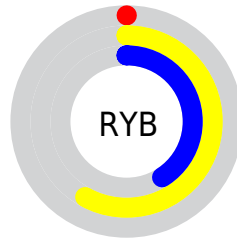
Distribution



Red (18%)

Green (58%)

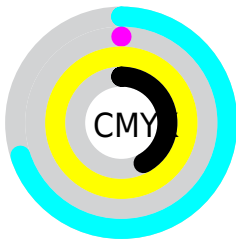
Blue (0%)



Red (0%)

Yellow (58%)

Blue (41%)

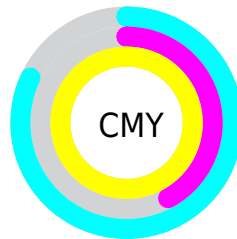


Cyan (70%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (82%)


















Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2987264 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 2987264 by changing the saturation by 10% instead.

 2987264	 2987264
 16777215	 31488
 7064645	 24832
 8972640	 18432
 10878843	 12544
 12844951	 5888
 14745523	 0
 16711631	
 16777196	
 2987264	

 3642639

 4363550

 5018925

 5739836

 6395211

 7050585

 7771496

 8426871

 9147782

Harmonies

Analogous

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



8554240



2987264



40023

Triad

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



2987264



38143



16001896

Complementary

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



2987264



6815893

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.



14891178



2987264



33023

Square

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



2987264



40155



10903780



14962215

Rectangle

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



2987264



40582



10903780



15935614

Sweetspot

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



2987264



10076808



9790976



4809022



14737632



6381921

Same Dimension

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



2987264



3916288



38171



4540995



2787840



199168

Inverse Universe

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



6815893



8847554



9764986



4735818



6291594



458762

Previews

White Background



This preview shows how the Decimal color 2987264 looks on a white background.

Color Contrast Check

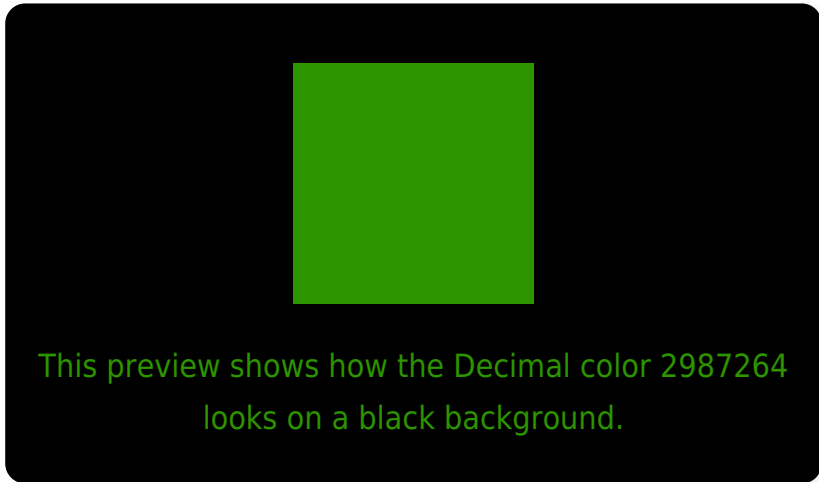
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

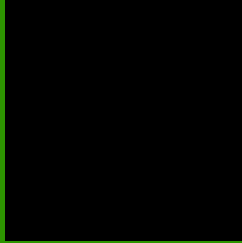
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 2987264 Background



This preview shows how black text looks on a background with the Decimal color 2987264.



This preview shows how white text looks on a background with the Decimal color 2987264.

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





Tritanopia
4950678

Trichromacy



Original Color

2987264



Protanomaly

7178240



Deuteranomaly

7832596



Tritanomaly

4230751

Monochromacy



Original Color

2987264



Achromatopsia

6645093



Achromatomaly

5338688

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2987264 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 #2D9500 looks like.

```
.text, #text, p{  
    color:#2D9500  
}
```

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 #2D9500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9500
}
```

Border

The CSS property to change the border of an element to Decimal 2987264 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
#2D9500 }
```

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

```
.border{ border-color:#2D9500 }
```

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

Here you see how a box with a 4 pixel #2D9500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9500; -webkit-box-shadow:4px 4px  
4px 4px #2D9500; box-shadow:4px 4px 4px  
4px #2D9500 }
```

Background

The CSS property to change the background color of an element to Decimal 2987264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9500 }
```

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

```
.background{ background-color:#2D9500 }
```

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](#).

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