

Converting Colors

Decimal(2706689)

Have a look what the booklet for
Decimal(2706689) contains.

Decimal(2706689)	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(2706689)

Conversions

Conversions Part 1

Format	Color
Hex	294D01
RGB	41, 77, 1
RGB Percent	16%, 30%, 0%
CMY	0.8392, 0.6980, 0.9961
CMYK	0.47, 0.00, 0.99, 0.70
HSL	88°, 97%, 15%
HSV	88°, 99%, 30%
XYZ	3.5738, 5.7814, 0.9563
YIQ	57.5720, 2.9400, -31.2680

Conversions

Conversions Part 2

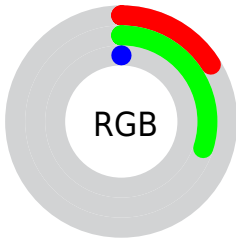
Format	Color
RYB	1, 77, 37
Decimal	2706689
CIELab	28.85, -25.83, 36.07
CIELCh	29, 44.364, 125.605
Yxy	5.7814, 0.3466, 0.5607
Android (android.graphics.Color)	4280896769 (0xFF294D01)
YUV	57.5720, -27.8900, -14.5336
Hunter-Lab	24.0445, -15.5468, 14.4731

Details

The Decimal color **2706689** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2425165**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **5996084**, and **8448** is the 20% darker color. If you saturate the color by 10%, you get **2706688**, and if you desaturate by 10%, it is **2968841**.

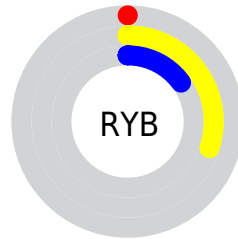
Distribution



Red (16%)

Green (30%)

Blue (0%)



Red (0%)

Yellow (30%)

Blue (15%)

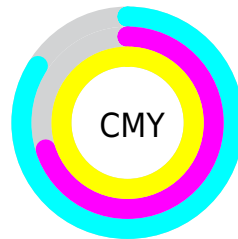


Cyan (47%)

Magenta (0%)

Yellow (99%)

Black (70%)



Cyan (84%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2706689 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 2706689 by changing the saturation by 10% instead.

 2706689

 2706689

 16777196

 1127936


 5996084

 8448

 7706700

 0

 9417573

 11194238

 13036441

 14942132

 16777168

 2706689

 2706689

■ 2706688

■ 2968841

■ 3165456

■ 3427608

■ 3689760

■ 3886376

■ 4148527

■ 4410679

■ 4607295

■ 4869446

Harmonies

Analogous

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



5129472



2706689



20774

Triad

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



2706689



20355



8396095

Complementary

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



2706689



2425165

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.



7415393



2706689



18057

Square

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



2706689



21355



4995196



8070942

Rectangle

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



2706689



21310



4995196



8199755

Sweetspot

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



2706689



5595974



5055489



2765601



11776947



3355443

Same Dimension

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



2706689



3433216



281857



2369058



3565056



7988736

Inverse Universe

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



2425165



3080291



4849997



2368038



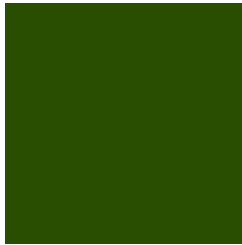
3145830



7143654

Previews

White Background



This preview shows how the Decimal color 2706689 looks on a white background.

Color Contrast Check

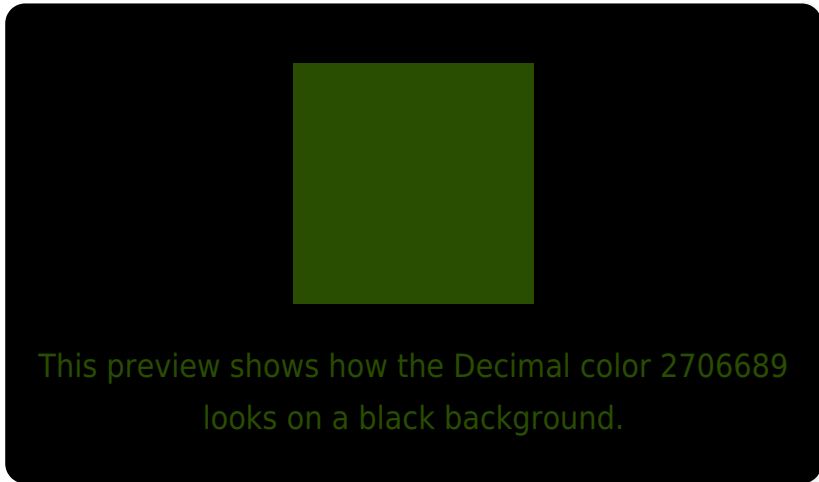
Large Text (above 18pt) WCAG AA ✓ Pass

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

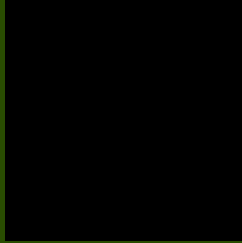
Any Text WCAG AA × Fail

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 2706689 Background



This preview shows how black text looks on a background with the Decimal color 2706689.



This preview shows how white text looks on a background with the Decimal color 2706689.

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
2706689

Protanopia
5063680

Deuteranopia
5652752



Tritanopia
3360845

Trichromacy



Original Color
2706689

Protanomaly
4212480

Deuteranomaly
4605195

Tritanomaly
3099185

Monochromacy



Original Color
2706689

Achromatopsia
3815994

Achromatomaly
3424549

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2706689 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 #294D01 looks like.

```
.text, #text, p{  
  color:#294D01  
}
```

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 #294D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294D01
}
```

Border

The CSS property to change the border of an element to Decimal 2706689 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".

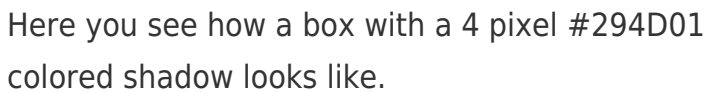
```
.border, #border, table{ border:4px solid
#294D01 }
```

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

```
.border{ border-color:#294D01 }
```

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

Here you see how a box with a 4 pixel #294D01 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294D01; -webkit-box-shadow:4px 4px  
4px 4px #294D01; box-shadow:4px 4px 4px  
4px #294D01 }
```

Background

The CSS property to change the background color of an element to Decimal 2706689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294D01 }
```

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

```
.background{ background-color:#294D01 }
```

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