

Converting Colors

Decimal(8716289)

Have a look what the booklet for
Decimal(8716289) contains.

Decimal(8716289)	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>	28

Color

Decimal(8716289)

Conversions

Conversions Part 1

Format	Color
Hex	850001
RGB	133, 0, 1
RGB Percent	52%, 0%, 0%
CMY	0.4784, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.99, 0.48
HSL	360°, 100%, 26%
HSV	360°, 100%, 52%
XYZ	9.6783, 4.9887, 0.4815
YIQ	39.8810, 78.9470, 28.5070

Conversions

Conversions Part 2

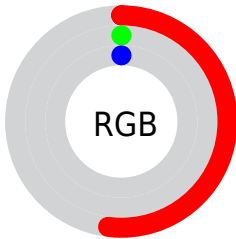
Format	Color
RYB	133, 0, 1
Decimal	8716289
CIELab	26.70, 49.42, 39.15
CIELCh	27, 63.050, 38.386
Yxy	4.9887, 0.6389, 0.3293
Android (android.graphics.Color)	4286906369 (0xFF850001)
YUV	39.8810, -19.1683, 81.6654
Hunter-Lab	22.3355, 38.2600, 14.3566

Details

The Decimal color **8716289** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **34180**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **12731439**, and **4784128** is the 20% darker color. If you saturate the color by 10%, you get **8716289**, and if you desaturate by 10%, it is **8719630**.

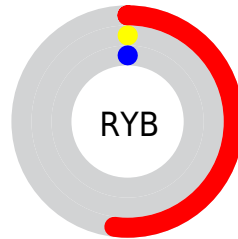
Distribution



Red (52%)

Green (0%)

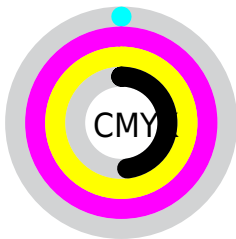
Blue (0%)



Red (52%)

Yellow (0%)

Blue (0%)

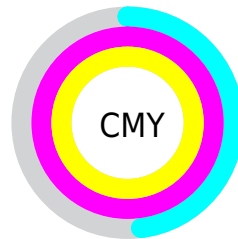


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (48%)



Cyan (48%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8716289 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 8716289 by changing the saturation by 10% instead.

 8716289

 8716289

 16777188

 6750208

 12731439

 4784128

 14769991

 3014658

 16743007

 0

 16749944

 16757138

 16764333

 16771784

 8716289

■ 8719630

■ 8723227

■ 8726569

■ 8729910

■ 8733507

■ 8736848

■ 8740189

■ 8743531

■ 8747128

Harmonies

Analogous

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



9371700



8716289



6958848

Triad

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



8716289



20504



17057

Complementary

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



8716289



34180

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.



20122



8716289



21068

Square

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



8716289



19200



21115



4925836

Rectangle

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



8716289



5324032



21115



18338

Sweetspot

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



8716289



11368826



8585349



5715768



14079702



5723991

Same Dimension

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



8716289



11337729



8732672



4340796



8519681



196608

Inverse Universe

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



8716289



11337729



17797



4340796



8519681



196608

Previews

White Background



This preview shows how the Decimal color 8716289 looks on a white background.

Color Contrast Check

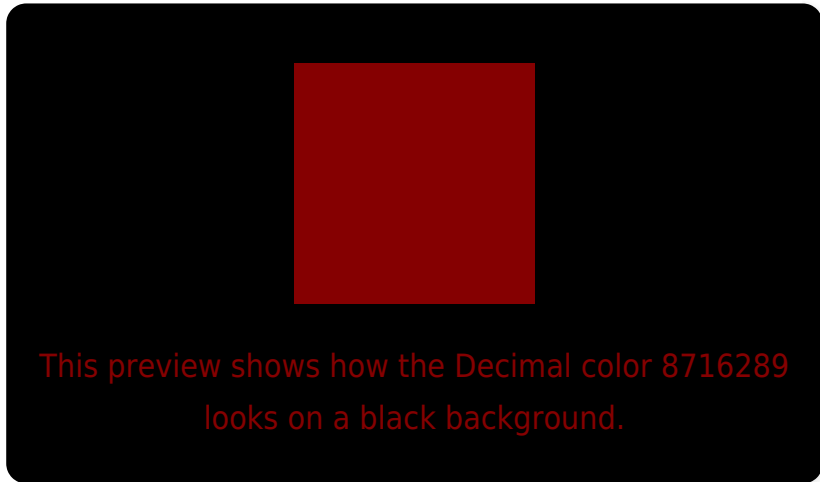
Large Text (above 18pt) WCAG AA ✓ Pass

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

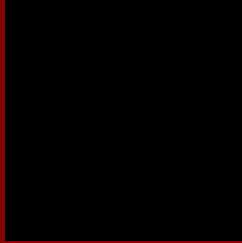
Any Text WCAG AA × Fail

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 8716289 Background



This preview shows how black text looks on a background with the Decimal color 8716289.



This preview shows how white text looks on a background with the Decimal color 8716289.

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
8716289

Protanopia
4932369

Tritanopia
8653824

Trichromacy



Original Color
8716289

Protanomaly
6302475

Tritanomaly
8652800

Monochromacy



Original Color
8716289

Achromatopsia
2631720

Achromatomaly
4856090

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8716289 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 #850001 looks like.

```
.text, #text, p{  
    color:#850001  
}
```

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 #850001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #850001
}
```

Border

The CSS property to change the border of an element to Decimal 8716289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

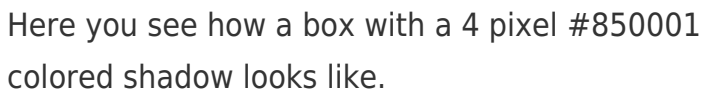
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#850001 }
```

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

```
.border{ border-color:#850001 }
```

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



Here you see how a box with a 4 pixel #850001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #850001; -webkit-box-shadow:4px 4px  
4px 4px #850001; box-shadow:4px 4px 4px  
4px #850001 }
```

Background

The CSS property to change the background color of an element to Decimal 8716289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#850001 }
```

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

```
.background{ background-color:#850001 }
```

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