

Converting Colors

Decimal(1)

Have a look what the booklet for
Decimal(1) contains.

Decimal(1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	10
<i>Previews</i>	17
<i>Color Blindness Simulation</i>	20
<i>CSS Examples</i>	23

Color

Decimal(1)

Conversions

Conversions Part 1

Format	Color
Hex	000001
RGB	0, 0, 1
RGB Percent	0%, 0%, 0%
CMY	1.0000, 1.0000, 0.9961
CMYK	1.00, 1.00, 0.00, 1.00
HSL	240°, 100%, 0%
HSV	240°, 100%, 0%
XYZ	0.0055, 0.0022, 0.0289

Conversions

Conversions Part 2

Format	Color
RYP	0, 0, 1
Decimal	1
CIELab	0.02, 0.14, -0.38
CIElCh	0, 0.403, 290.178
Yxy	0.0022, 0.1500, 0.0600
Android (android.graphics.Color)	4278190081 (0xFF000001)
YUV	0.1140, 0.4368, -0.1000

Details

The Decimal color **1** is a dark color, and the **websafe** version is hex **000000**. A complement of this color would be **65792**, and the grayscale version is **0**.

A 20% lighter version of the original color is **3158065**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1**, and if you desaturate by 10%, it is **1**.

Distribution



Red (0%)

Green (0%)

Blue (0%)



Red (0%)

Yellow (0%)

Blue (0%)



Cyan (100%)

Magenta (100%)

Yellow (0%)

Black (100%)



Cyan (100%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1 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 1 by changing the saturation by 10% instead.

■ 1

■ 1

■ 1776412

■ 0

■ 3158065

■ 4671303

■ 6184543

■ 7829368

■ 9539985

■ 11250604

■ 13027015

■ 14869219

■ 1

■ 65793

Harmonies

Analogous

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



1



65537

Triad

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



1



65536



0

Complementary

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



1



65792

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.



0



1

Square

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



1



65536



0

Rectangle

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



1



65536



0

Sweetspot

The sweet spot groups the original color and five complimentary colors.



1



131587



257



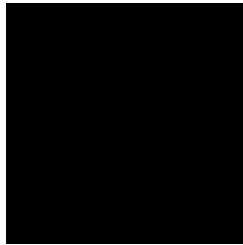
8553090



197379

Previews

White Background



This preview shows how the Decimal color 1 looks on a white background.

Color Contrast Check

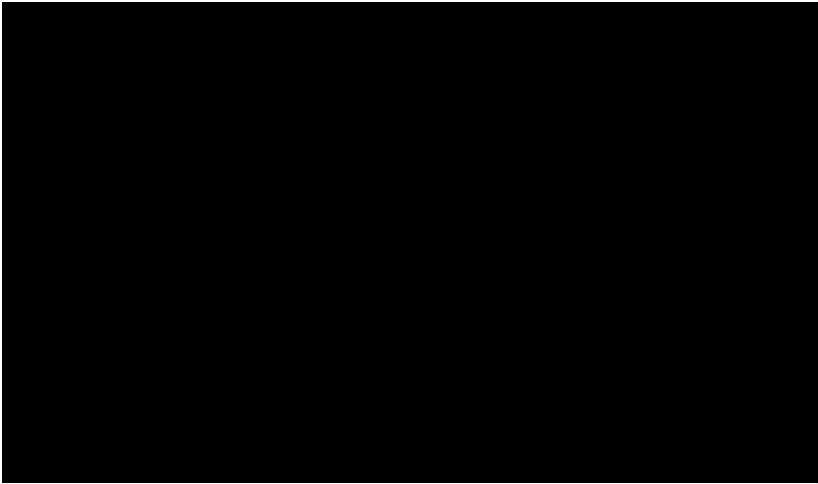
Large Text (above 18pt) WCAG AA ✓ Pass

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

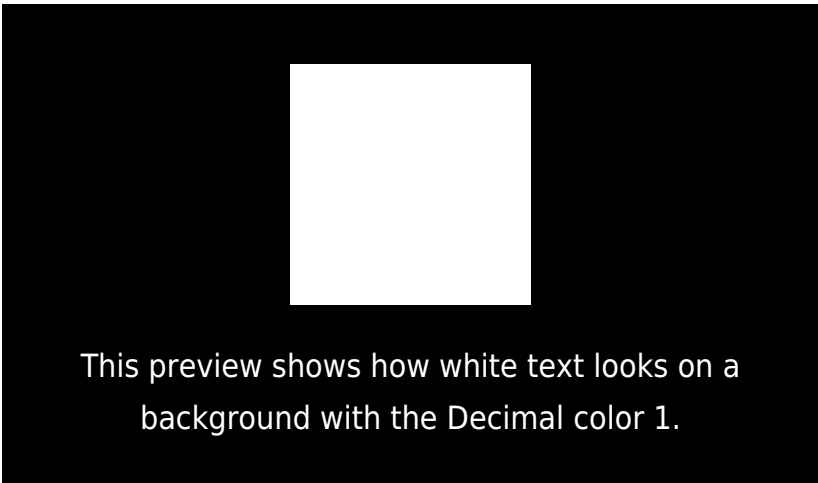
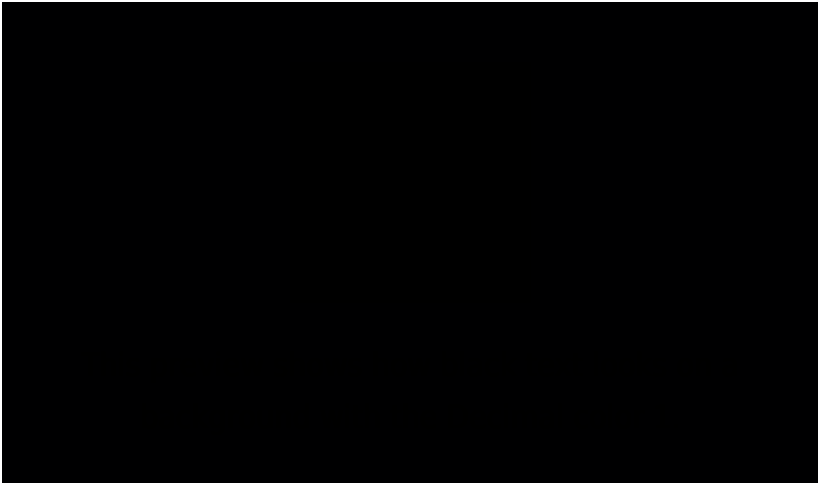
Any Text WCAG AA × Fail

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](#).

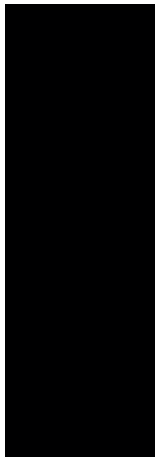
Decimal 1 Background



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

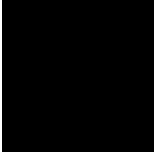
1

Protanopia

1

Deuteranopia

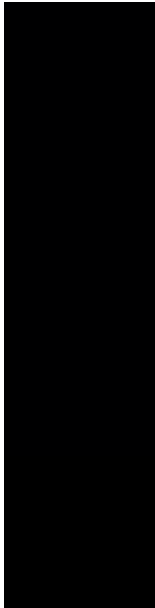
1



Tritanopia

0

Trichromacy



Original Color

1

Protanomaly

1

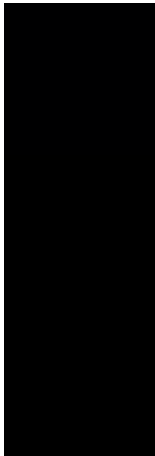
Deuteranomaly

1

Tritanomaly

0

Monochromacy



Original Color

1

Achromatopsia

0

Achromatomaly

0

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1 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 #000001 looks like.

```
.text, #text, p{  
    color:#000001  
}
```

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 #000001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000001  
}
```

Border

The CSS property to change the border of an element to Decimal 1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

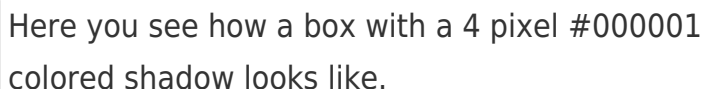
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#000001 }
```


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

```
.border{ border-color:#000001 }
```

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



Here you see how a box with a 4 pixel #000001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000001; -webkit-box-shadow:4px 4px  
4px 4px #000001; box-shadow:4px 4px 4px  
4px #000001 }
```

Background

The CSS property to change the background color of an element to Decimal 1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000001 }
```

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

```
.background{ background-color:#000001 }
```

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? Have a look at my other booklet **HOWCOLORS.WORK – A CSS color notation guide.**



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

[Buy now, starting at \\$4.99!](#)

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