

Converting Colors

Decimal(2049549)

Have a look what the booklet for
Decimal(2049549) contains.

Decimal(2049549)	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(2049549)

Conversions

Conversions Part 1

Format	Color
Hex	1F460D
RGB	31, 70, 13
RGB Percent	12%, 27%, 5%
CMY	0.8784, 0.7255, 0.9490
CMYK	0.56, 0.00, 0.81, 0.73
HSL	101°, 69%, 16%
HSV	101°, 81%, 27%
XYZ	2.8279, 4.7007, 1.1390
YIQ	51.8410, -4.9470, -25.9950

Conversions

Conversions Part 2

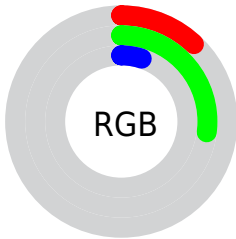
Format	Color
RYB	13, 70, 52
Decimal	2049549
CIELab	25.86, -25.52, 28.44
CIELCh	26, 38.208, 131.900
Yxy	4.7007, 0.3263, 0.5423
Android (android.graphics.Color)	4280239629 (0xFF1F460D)
YUV	51.8410, -19.1486, -18.2776
Hunter-Lab	21.6811, -14.6599, 12.0618

Details

The Decimal color **2049549** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3411270**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **5273403**, and **7424** is the 20% darker color. If you saturate the color by 10%, you get **1721862**, and if you desaturate by 10%, it is **2377236**.

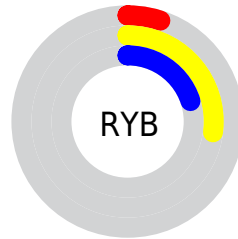
Distribution



Red (12%)

Green (27%)

Blue (5%)



Red (5%)

Yellow (27%)

Blue (20%)

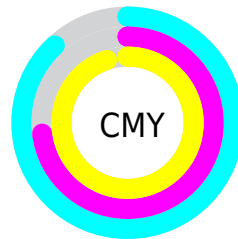


Cyan (56%)

Magenta (0%)

Yellow (81%)

Black (73%)



Cyan (88%)

Magenta (73%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2049549 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 2049549 by changing the saturation by 10% instead.

 2049549

 2049549

 16777203

 601856

 5273403

 7424

 6918483

 0

 8629100

 10405765

 12182432

 14024635

 15925207

 2049549

 2049549

■ 1721862

■ 2377236

■ 1459712

■ 2704923

■ 2967074

■ 3294761

■ 3622448

■ 3950135

■ 4277822

■ 4539973

■ 4867660

Harmonies

Analogous

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



4210688



2049549



18730

Triad

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



2049549



17780



7413555

Complementary

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



2049549



3411270

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.



6824784



2049549



671094

Square

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



2049549



19043



5058665



6957080

Rectangle

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



2049549



19006



5058665



7347773

Sweetspot

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



2049549



5069894



4600845



2436641



11382189



3026478

Same Dimension

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



2049549



1989634



869911



2171936



2056960



4776704

Inverse Universe

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



3411270



4129372



4590908



2301988



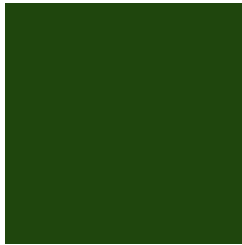
4456547



10158307

Previews

White Background



This preview shows how the Decimal color 2049549 looks on a white background.

Color Contrast Check

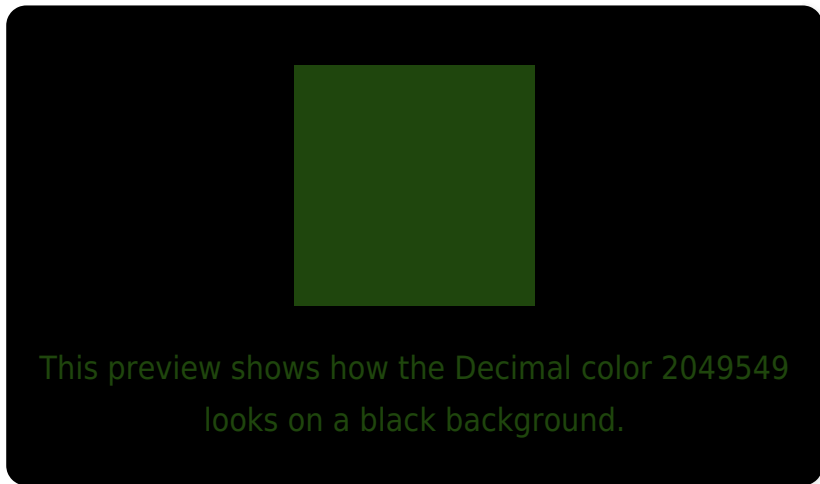
Large Text (above 18pt) WCAG AA ✓ Pass

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

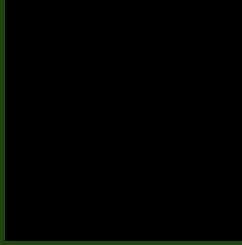
Any Text WCAG AA × Fail

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 2049549 Background



This preview shows how black text looks on a background with the Decimal color 2049549.



This preview shows how white text looks on a background with the Decimal color 2049549.

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
2049549

Protanopia
4537611

Deuteranopia
5061139

Trichromacy



Original Color
2049549

Protanomaly
3620876

Deuteranomaly
3948049

Tritanomaly
2442033

Monochromacy



Original Color
2049549

Achromatopsia
3421236

Achromatomaly
2898726

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2049549 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 #1F460D looks like.

```
.text, #text, p{  
    color:#1F460D  
}
```

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 #1F460D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F460D
}
```

Border

The CSS property to change the border of an element to Decimal 2049549 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
#1F460D }
```

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

```
.border{ border-color:#1F460D }
```

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

Here you see how a box with a 4 pixel #1F460D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F460D; -webkit-box-shadow:4px 4px  
4px 4px #1F460D; box-shadow:4px 4px 4px  
4px #1F460D }
```

Background

The CSS property to change the background color of an element to Decimal 2049549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F460D }
```

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

```
.background{ background-color:#1F460D }
```

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