

Converting Colors

Decimal(46081)

Have a look what the booklet for
Decimal(46081) contains.

Decimal(46081)	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(46081)

Conversions

Conversions Part 1

Format	Color
Hex	00B401
RGB	0, 180, 1
RGB Percent	0%, 71%, 0%
CMY	1.0000, 0.2941, 0.9961
CMYK	1.00, 0.00, 0.99, 0.29
HSL	120°, 100%, 35%
HSV	120°, 100%, 71%
XYZ	16.3267, 32.6447, 5.4693
YIQ	105.7740, -49.8210, -93.8290

Conversions

Conversions Part 2

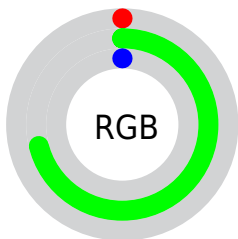
Format	Color
RYB	0, 179, 180
Decimal	46081
CIELab	63.87, -66.33, 63.92
CIELCh	64, 92.116, 136.063
Yxy	32.6447, 0.2999, 0.5996
Android (android.graphics.Color)	4278236161 (0xFF00B401)
YUV	105.7740, -51.6536, -92.7638
Hunter-Lab	57.1355, -48.9800, 34.3194

Details

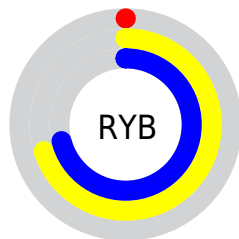
The Decimal color **46081** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **11796659**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **6483276**, and **32000** is the 20% darker color. If you saturate the color by 10%, you get **46081**, and if you desaturate by 10%, it is **1225747**.

Distribution



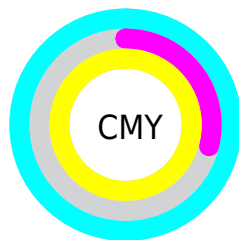
- Red (0%)
- Green (71%)
- Blue (0%)



- Red (0%)
- Yellow (70%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (99%)
- Black (29%)




- Cyan (100%)
- Magenta (29%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 46081 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 46081 by changing the saturation by 10% instead.

 46081  46081


16777215  38912

 6483276  32000

 8585064  25344

 10616708  18688

 12648352  12800

 14614461  5632

 16646106  0

 16777207

 46081

 1225747

 2405413

 3585079

 4764745

 5944411

 7124076

 8303742

 9483408

 10663074

Harmonies

Analogous

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



9610496



46081



47984

Triad

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



46081



45311



16722547

Complementary

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



46081



11796659

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.



16725189



46081



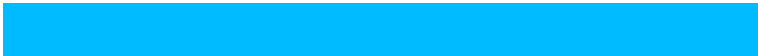
38655

Square

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



46081



48127



13790463



16736032

Rectangle

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



46081



48554



13790463



16720014

Sweetspot

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



46081



10808229



11842560



4945227



16119285



7697781

Same Dimension

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



46081



60161



46170



5265744



39169



6656

Inverse Universe

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



11796659



15401193



11796570



5853273



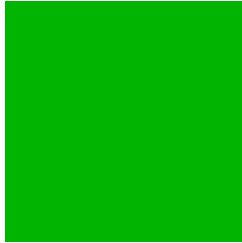
10027160



1703961

Previews

White Background



This preview shows how the Decimal color 46081 looks on a white background.

Color Contrast Check

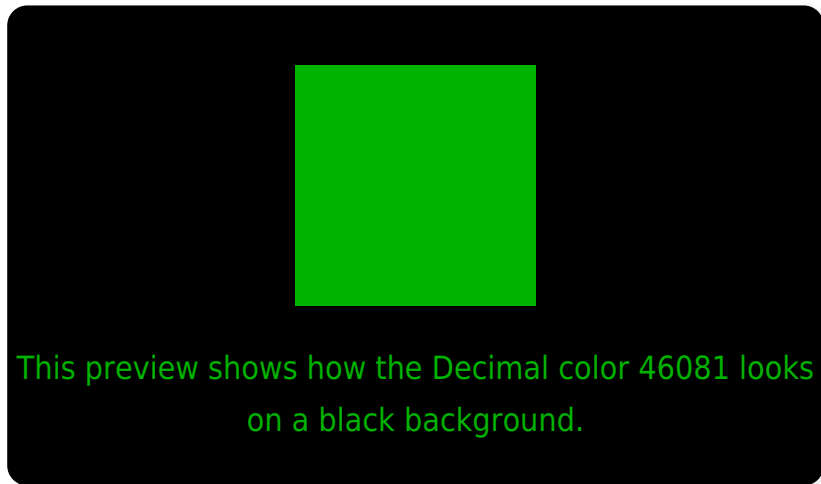
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

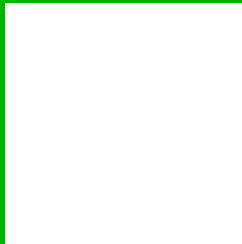
Any Text WCAG AAA ✓ Pass

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

Decimal 46081 Background



This preview shows how black text looks on a background with the Decimal color 46081.



This preview shows how white text looks on a background with the Decimal color 46081.

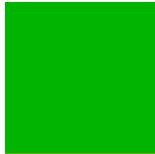
Color Blindness Simulation

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



Trichromacy



Original Color

46081



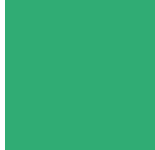
Protanomaly

7250688



Deuteranomaly

8101401



Tritanomaly

3189876

Monochromacy



Original Color

46081



Achromatopsia

6974058



Achromatomaly

4425028

CSS Examples

Text

The CSS property to change the color of the text to Decimal 46081 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 #00B401 looks like.

```
.text, #text, p{  
    color:#00B401  
}
```

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 #00B401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B401
}
```

Border

The CSS property to change the border of an element to Decimal 46081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

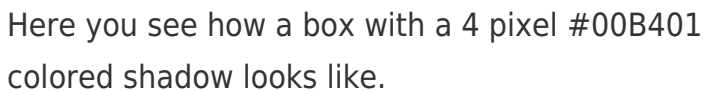
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00B401 }
```

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

```
.border{ border-color:#00B401 }
```

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



Here you see how a box with a 4 pixel #00B401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B401; -webkit-box-shadow:4px 4px  
4px 4px #00B401; box-shadow:4px 4px 4px  
4px #00B401 }
```

Background

The CSS property to change the background color of an element to Decimal 46081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B401 }
```

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

```
.background{ background-color:#00B401 }
```

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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