

Converting Colors

Decimal(12827)

Have a look what the booklet for
Decimal(12827) contains.

Decimal(12827)	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(12827)

Conversions

Conversions Part 1

Format	Color
Hex	00321B
RGB	0, 50, 27
RGB Percent	0%, 20%, 11%
CMY	1.0000, 0.8039, 0.8941
CMYK	1.00, 0.00, 0.46, 0.80
HSL	152°, 100%, 10%
HSV	152°, 100%, 20%
XYZ	1.3384, 2.3603, 1.4220
YIQ	32.4280, -22.4170, -17.7530

Conversions

Conversions Part 2

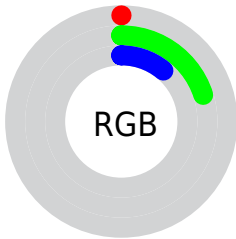
Format	Color
RYB	0, 32, 50
Decimal	12827
CIELab	17.27, -22.68, 10.27
CIELCh	17, 24.902, 155.638
Yxy	2.3603, 0.2614, 0.4609
Android (android.graphics.Color)	4278202907 (0xFF00321B)
YUV	32.4280, -2.6760, -28.4394
Hunter-Lab	15.3634, -11.3353, 5.2668

Details

The Decimal color **12827** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3276823**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **3367238**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **12827**, and if you desaturate by 10%, it is **340509**.

Distribution



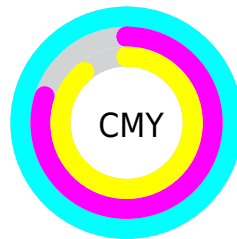
- Red (0%)
- Green (20%)
- Blue (11%)



- Red (0%)
- Yellow (13%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12827 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 12827 by changing the saturation by 10% instead.

 12827

 12827

 15532031

 7681

 3367238

 0

 4946526

 6591607

 8302481

 10013355

 11790022

 13631458

 12827

■ 340509

■ 668192

■ 995874

■ 1323556

■ 1651239

■ 1978921

■ 2306603

■ 2634285

■ 2961968

Harmonies

Analogous

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



1978122



12827



13101

Triad

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



12827



535374



4791575

Complementary

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



12827



3276823

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.



4921896



12827



3155016

Square

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



12827



12363



4398394



4203526

Rectangle

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



12827



13113



4398394



4856604

Sweetspot

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



12827



2965559



1520128



1384732



10592673



2171169

Same Dimension

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



12827



16418



12338



1514008



22832



55669

Inverse Universe

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



3276823



4194333



3277312



1709848



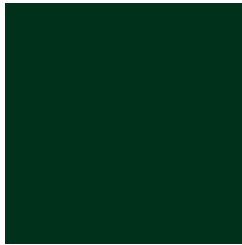
5832745



14221412

Previews

White Background



This preview shows how the Decimal color 12827 looks on a white background.

Color Contrast Check

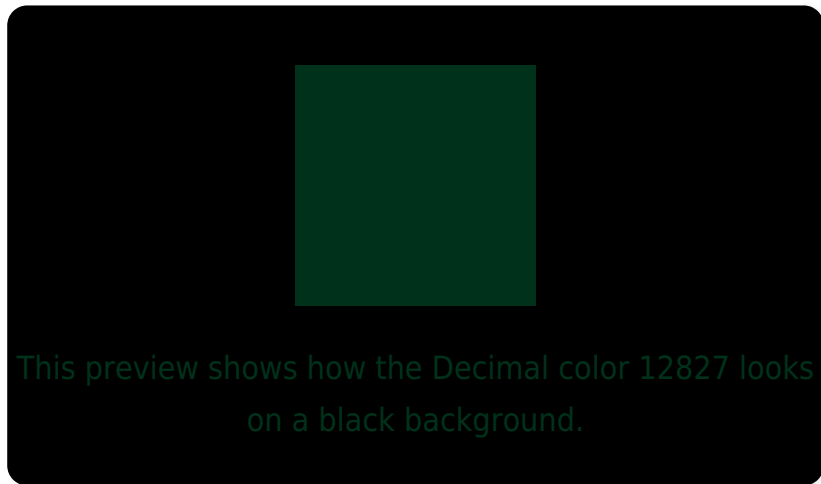
Large Text (above 18pt) WCAG AA ✓ Pass

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

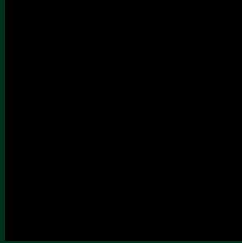
Any Text WCAG AA × Fail

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 12827 Background



This preview shows how black text looks on a background with the Decimal color 12827.



This preview shows how white text looks on a background with the Decimal color 12827.

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
12827

Protanopia
3091224

Deuteranopia
3418397



Tritanopia
1257267

Trichromacy



Original Color
12827

Protanomaly
1977881

Deuteranomaly
2173980

Tritanomaly
798762

Monochromacy



Original Color
12827

Achromatopsia
2105376

Achromatomaly
1320734

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12827 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 #00321B looks like.

```
.text, #text, p{  
    color:#00321B  
}
```

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 #00321B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00321B
}
```

Border

The CSS property to change the border of an element to Decimal 12827 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
#00321B }
```

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

```
.border{ border-color:#00321B }
```

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

Here you see how a box with a 4 pixel #00321B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00321B; -webkit-box-shadow:4px 4px  
4px 4px #00321B; box-shadow:4px 4px 4px  
4px #00321B }
```

Background

The CSS property to change the background color of an element to Decimal 12827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00321B }
```

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

```
.background{ background-color:#00321B }
```

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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