

Converting Colors

Decimal(13057)

Have a look what the booklet for
Decimal(13057) contains.

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Color

Decimal(13057)

Conversions

Conversions Part 1

Format	Color
Hex	003301
RGB	0, 51, 1
RGB Percent	0%, 20%, 0%
CMY	1.0000, 0.8000, 0.9961
CMYK	1.00, 0.00, 0.98, 0.80
HSL	121°, 100%, 10%
HSV	121°, 100%, 20%
XYZ	1.1893, 2.3698, 0.4235
YIQ	30.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

Format	Color
RYB	0, 50, 51
Decimal	13057
CIELab	17.32, -27.54, 23.80
CIELCh	17, 36.401, 139.160
Yxy	2.3698, 0.2986, 0.5950
Android (android.graphics.Color)	4278203137 (0xFF003301)
YUV	30.0510, -14.3221, -26.3547
Hunter-Lab	15.3943, -13.1498, 9.1451

Details

The Decimal color **13057** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3342386**, and the grayscale version is **1973790**.

A 20% lighter version of the original color is **3367472**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **13057**, and if you desaturate by 10%, it is **340742**.

Distribution



Red (0%)

Green (20%)

Blue (0%)



Red (0%)

Yellow (20%)

Blue (20%)



Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13057 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 13057 by changing the saturation by 10% instead.



13057



13057



15663076



8192



3367472



0



5012295



6657631



8368248



10144914



11921581



13762504



13057

■ 340742

■ 668427

■ 996112

■ 1323797

■ 1717018

■ 2044703

■ 2372388

■ 2700073

■ 3027758

Harmonies

Analogous

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



2502144



13057



13600

Triad

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



13057



12638



5704475

Complementary

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



13057



3342386

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.



5507893



13057



796764

Square

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



13057



13650



4201037



5183744

Rectangle

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



13057



13874



4201037



5769508

Sweetspot

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



13057



3031599



3289856



1384725



10592673



2171169

Same Dimension

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



13057



16897



13082



1514007



22786



55556

Inverse Universe

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



3342386



4325441



3342361



1709849



5832792



14221525

Previews

White Background



This preview shows how the Decimal color 13057 looks on a white background.

Color Contrast Check

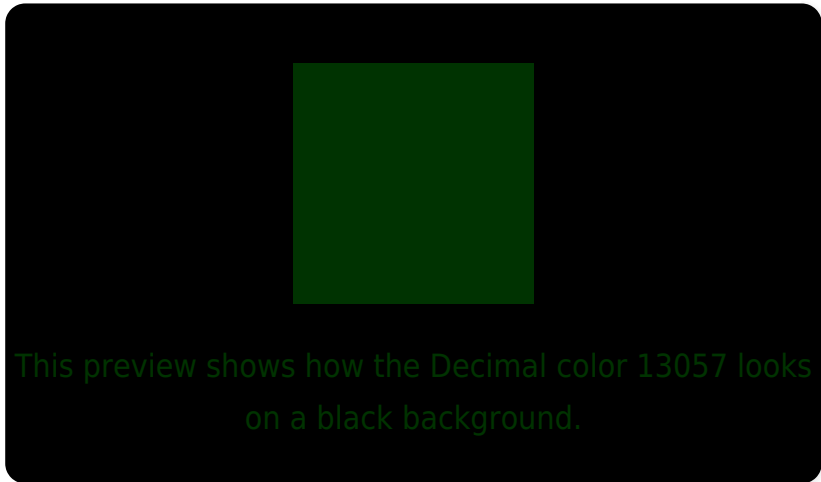
Large Text (above 18pt) WCAG AA ✓ Pass

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

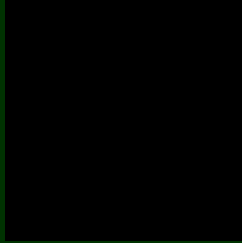
Any Text WCAG AA × Fail

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 13057 Background



This preview shows how black text looks on a background with the Decimal color 13057.



This preview shows how white text looks on a background with the Decimal color 13057.

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](#).

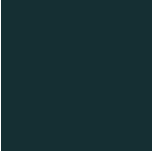
Dichromacy



Original Color
13057

Protanopia
3222528

Deuteranopia
3614987



Tritanopia
1388339

Trichromacy



Original Color
13057

Protanomaly
2043648

Deuteranomaly
2305287

Tritanomaly
864289

Monochromacy



Original Color
13057

Achromatopsia
1973790

Achromatomaly
1254931

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13057 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 #003301 looks like.

```
.text, #text, p{  
    color:#003301  
}
```

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 #003301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003301
}
```

Border

The CSS property to change the border of an element to Decimal 13057 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
#003301 }
```

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

```
.border{ border-color:#003301 }
```

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

Here you see how a box with a 4 pixel #003301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003301; -webkit-box-shadow:4px 4px  
4px 4px #003301; box-shadow:4px 4px 4px  
4px #003301 }
```

Background

The CSS property to change the background color of an element to Decimal 13057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003301 }
```

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

```
.background{ background-color:#003301 }
```

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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