

# Converting Colors

Decimal(5427)

Have a look what the booklet for  
Decimal(5427) contains.

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# Color

**Decimal(5427)**

# Conversions

## Conversions Part 1

Format	Color
Hex	001533
RGB	0, 21, 51
RGB Percent	0%, 8%, 20%
CMY	1.0000, 0.9176, 0.8000
CMYK	1.00, 0.59, 0.00, 0.80
HSL	215°, 100%, 10%
HSV	215°, 100%, 20%
XYZ	0.8657, 0.7753, 3.2360
YIQ	18.1410, -22.1460, 4.8780

# Conversions

## Conversions Part 2

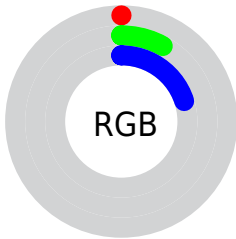
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 15, 51
Decimal	5427
CIELab	7.00, 5.27, -22.29
CIELCh	7, 22.903, 283.292
Yxy	0.7753, 0.1775, 0.1590
Android (android.graphics.Color)	4278195507 (0xFF001533)
YUV	18.1410, 16.1995, -15.9097
Hunter-Lab	8.8054, 2.1399, -15.6254

# Details

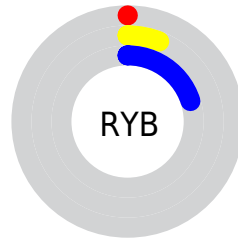
The Decimal color **5427** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3350016**, and the grayscale version is **1184274**.

A 20% lighter version of the original color is **3293026**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **5427**, and if you desaturate by 10%, it is **333875**.

# Distribution



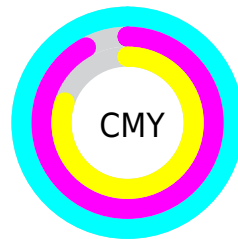
- Red (0%)
- Green (8%)
- Blue (20%)



- Red (0%)
- Yellow (6%)
- Blue (20%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (92%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5427 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 5427 by changing the saturation by 10% instead.





5427



5427



15398399



542



3293026



0



4871803



6516373



8161455



9937611



11714023



13556223



5427

■ 333875

■ 662323

■ 990771

■ 1319219

■ 1713203

■ 2041651

■ 2370099

■ 2698547

■ 3026995

# Harmonies

## Analogous

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



6706



5427



1969708

# Triad

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



5427



2951680



7689

# Complementary

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



5427



3350016

# 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.



6912



5427



2298368

# Square

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



5427



3147022



1447680



7708

# Rectangle

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



5427



2689315



1447680



7424



# Sweetspot

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



5427



3028802



13086



1382945



10592673



2171169



# Same Dimension

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



5427



6978



262195



1513498



9561



23001



# Inverse Universe

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



3342357



4325403



3093248



1709848



5832741



14221401



# Previews

## White Background



This preview shows how the Decimal color 5427 looks on a white background.

## Color Contrast Check

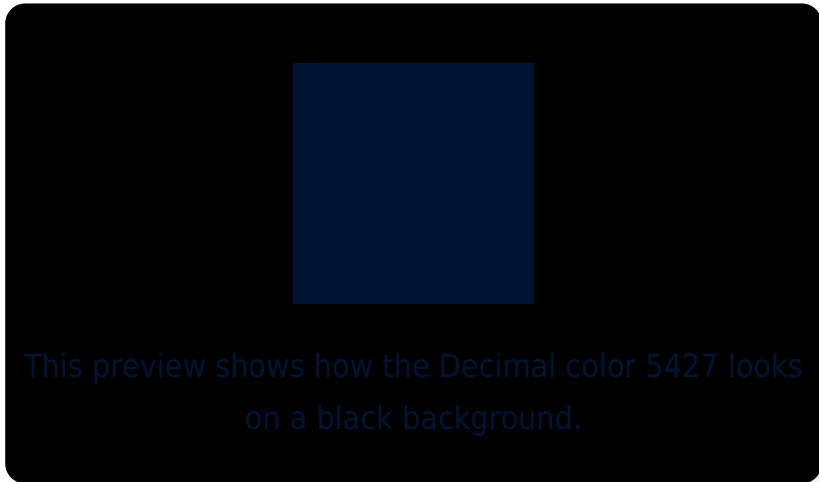
Large Text (above 18pt) WCAG AA ✓ Pass

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

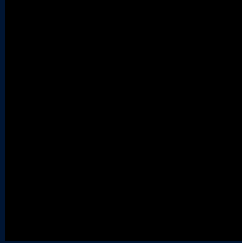
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5427 Background



This preview shows how black text looks on a background with the Decimal color 5427.



This preview shows how white text looks on a background with the Decimal color 5427.

# 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**  
5427

**Protanopia**  
5679

**Deuteranopia**  
6184



# Trichromacy



**Original Color**  
5427

**Protanomaly**  
5680

**Deuteranomaly**  
5932

**Tritanomaly**  
6180

# Monochromacy



**Original Color**  
5427

**Achromatopsia**  
1184274

**Achromatomaly**  
725790

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5427 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 #001533 looks like.

```
.text, #text, p{  
    color:#001533  
}
```

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 #001533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001533
}
```

## Border

The CSS property to change the border of an element to Decimal 5427 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
#001533 }
```

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

```
.border{ border-color:#001533 }
```

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

Here you see how a box with a 4 pixel #001533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001533; -webkit-box-shadow:4px 4px  
4px 4px #001533; box-shadow:4px 4px 4px  
4px #001533 }
```

# Background

The CSS property to change the background color of an element to Decimal 5427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001533 }
```

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

```
.background{ background-color:#001533 }
```

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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