

Converting Colors

Decimal(5767)

Have a look what the booklet for
Decimal(5767) contains.

Decimal(5767)	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(5767)

Conversions

Conversions Part 1

Format	Color
Hex	001687
RGB	0, 22, 135
RGB Percent	0%, 9%, 53%
CMY	1.0000, 0.9137, 0.4706
CMYK	1.00, 0.84, 0.00, 0.47
HSL	230°, 100%, 26%
HSV	230°, 100%, 53%
XYZ	4.6601, 2.3231, 23.1245
YIQ	28.3040, -49.3850, 30.4790

Conversions

Conversions Part 2

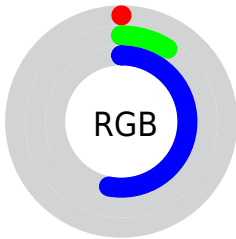
Format	Color
R_{YB}	0, 19, 135
Decimal	5767
CIE _{Lab}	17.10, 40.33, -62.26
CIE _{LCh}	17, 74.182, 302.937
Yxy	2.3231, 0.1548, 0.0772
Android (android.graphics.Color)	4278195847 (0xFF001687)
YUV	28.3040, 52.6011, -24.8226
Hunter-Lab	15.2417, 27.9027, -79.2847

Details

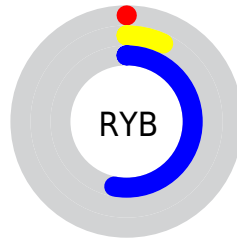
The Decimal color **5767** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **8876288**, and the grayscale version is **1842204**.

A 20% lighter version of the original color is **5456830**, and **84** is the 20% darker color. If you saturate the color by 10%, you get **5767**, and if you desaturate by 10%, it is **860551**.

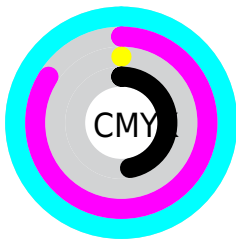
Distribution



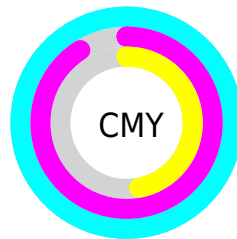
- Red (0%)
- Green (9%)
- Blue (53%)



- Red (0%)
- Yellow (7%)
- Blue (53%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (91%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5767 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 5767 by changing the saturation by 10% instead.

■ 5767 ■ 5767

16776959 ■ 621

■ 5456830 ■ 84

■ 7429082 ■ 1595

■ 9336311 ■ 549

■ 11243263 ■ 269

■ 13150719 ■ 0

■ 15123967

■ 16769535

■ 5767

■ 860551

■ 1781127

■ 2701447

■ 3556231

■ 4476807

■ 5331591

■ 6186375

■ 7106695

■ 8027271

Harmonies

Analogous

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



13210



5767



6815836

Triad

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



5767



5835264



15406

Complementary

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



5767



8876288

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.



14848



5767



322272

Square

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



5767



7667712



13568



15716

Rectangle

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



5767



7995449



13568



15131

Sweetspot

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



5767



8094896



34672



3751513



14277081



5855577

Same Dimension

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



5767



7600



2949255



3947842



5506



3

Inverse Universe

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



8847382



11534365



5932800



4340797



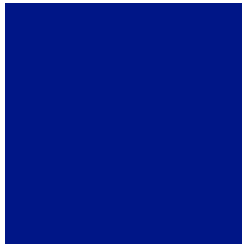
8519701



196608

Previews

White Background



This preview shows how the Decimal color 5767 looks on a white background.

Color Contrast Check

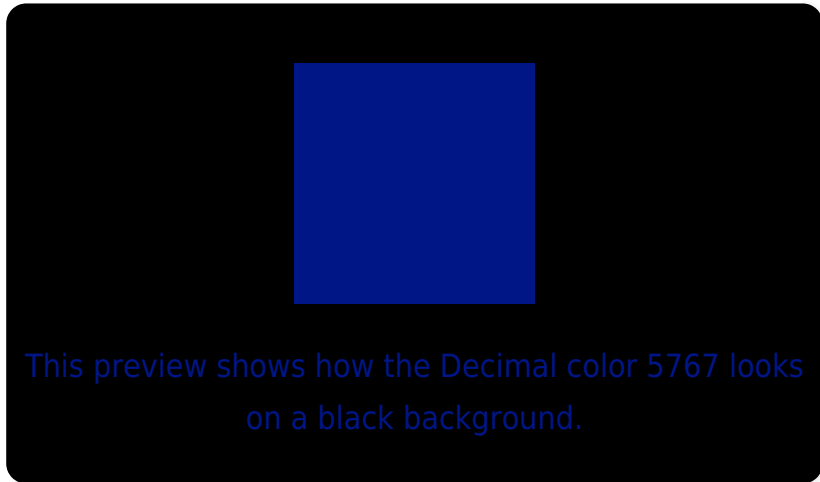
Large Text (above 18pt) WCAG AA ✓ Pass

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

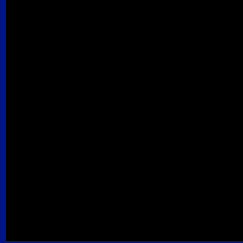
Any Text WCAG AA × Fail

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 5767 Background



This preview shows how black text looks on a background with the Decimal color 5767.

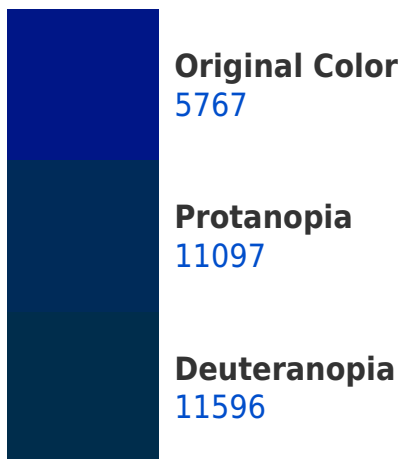


This preview shows how white text looks on a background with the Decimal color 5767.

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
5767

Protanomaly
9066

Deuteranomaly
9569

Tritanomaly
10066

Monochromacy



Original Color
5767

Achromatopsia
1842204

Achromatomaly
1186371

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5767 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 #001687 looks like.

```
.text, #text, p{  
    color:#001687  
}
```

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 #001687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001687
}
```

Border

The CSS property to change the border of an element to Decimal 5767 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
#001687 }
```

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

```
.border{ border-color:#001687 }
```

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

Here you see how a box with a 4 pixel #001687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001687; -webkit-box-shadow:4px 4px  
4px 4px #001687; box-shadow:4px 4px 4px  
4px #001687 }
```

Background

The CSS property to change the background color of an element to Decimal 5767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001687 }
```

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

```
.background{ background-color:#001687 }
```

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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