

Converting Colors

Decimal(5408)

Have a look what the booklet for
Decimal(5408) contains.

Decimal(5408)	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(5408)

Conversions

Conversions Part 1

Format	Color
Hex	001520
RGB	0, 21, 32
RGB Percent	0%, 8%, 13%
CMY	1.0000, 0.9176, 0.8745
CMYK	1.00, 0.34, 0.00, 0.87
HSL	201°, 100%, 6%
HSV	201°, 100%, 13%
XYZ	0.5289, 0.6406, 1.4623
YIQ	15.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

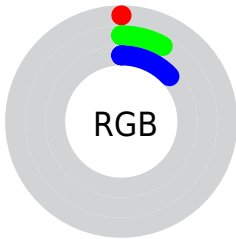
Format	Color
R _Y B	0, 13, 32
Decimal	5408
CIE Lab	5.79, -3.28, -9.98
CIE LCh	6, 10.501, 251.813
Yxy	0.6406, 0.2010, 0.2434
Android (android.graphics.Color)	4278195488 (0xFF001520)
YUV	15.9750, 7.9003, -14.0101
Hunter-Lab	8.0038, -2.2118, -5.2294

Details

The Decimal color **5408** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2099968**, and the grayscale version is **1052688**.

A 20% lighter version of the original color is **3030860**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **5408**, and if you desaturate by 10%, it is **202272**.

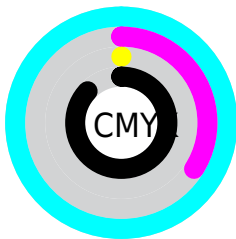
Distribution



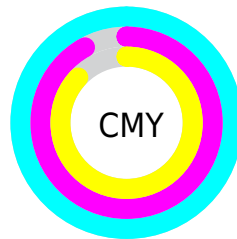
- Red (0%)
- Green (8%)
- Blue (13%)



- Red (0%)
- Yellow (5%)
- Blue (13%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (87%)



- Cyan (100%)
- Magenta (92%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5408 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 5408 by changing the saturation by 10% instead.

■ 5408

■ 5408

■ 14874367

■ 7

■ 3030860

■ 0

■ 4544100

■ 6123389

■ 7768215

■ 9478833

■ 11189709

■ 13031913

■ 5408

■ 202272

■ 399136

■ 661536

■ 858400

■ 1055264

■ 1252384

■ 1449248

■ 1711648

■ 1908512

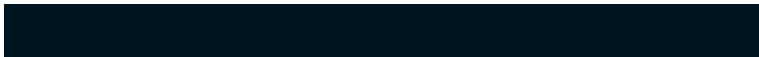
Harmonies

Analogous

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



5916



5408



856608

Triad

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



5408



2166031



792066

Complementary

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



5408



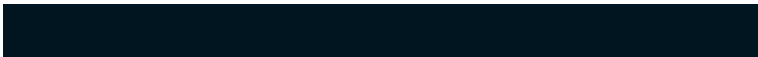
2099968

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.



1446656



5408



2166276

Square

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



5408



1969432



1904640



5900

Rectangle

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



5408



1380383



1904640



1053952

Sweetspot

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



5408



1910057



8203



856596



9737364



1315860

Same Dimension

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



5408



6953



1312



921359



13391



35023

Inverse Universe

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



2097173



2687003



2104064



986639



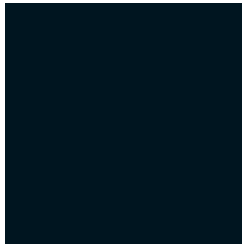
5177396



13566088

Previews

White Background



This preview shows how the Decimal color 5408 looks on a white background.

Color Contrast Check

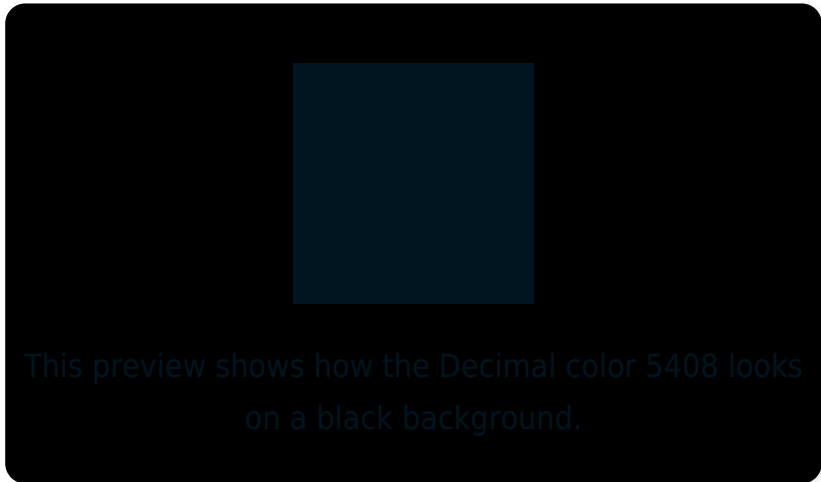
Large Text (above 18pt) WCAG AA ✓ Pass

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

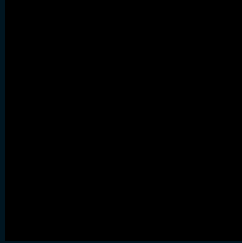
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

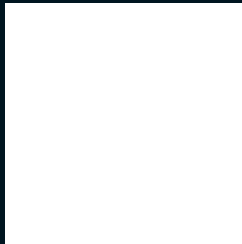
Any Text WCAG AAA × Fail

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

Decimal 5408 Background



This preview shows how black text looks on a background with the Decimal color 5408.



This preview shows how white text looks on a background with the Decimal color 5408.

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
5408

Protanopia
1053727

Deuteranopia
791584

Trichromacy



Original Color

5408

Protanomaly

660511

Deuteranomaly

529440

Tritanomaly

5659

Monochromacy



Original Color

5408

Achromatopsia

1052688

Achromatomaly

659990

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5408 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 #001520 looks like.

```
.text, #text, p{  
    color:#001520  
}
```

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 #001520 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001520
}
```

Border

The CSS property to change the border of an element to Decimal 5408 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
#001520 }
```

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

```
.border{ border-color:#001520 }
```

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

Here you see how a box with a 4 pixel #001520 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001520; -webkit-box-shadow:4px 4px  
4px 4px #001520; box-shadow:4px 4px 4px  
4px #001520 }
```

Background

The CSS property to change the background color of an element to Decimal 5408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001520 }
```

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

```
.background{ background-color:#001520 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor