

Converting Colors

Decimal(5640)

Have a look what the booklet for
Decimal(5640) contains.

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Color

Decimal(5640)

Conversions

Conversions Part 1

Format	Color
Hex	001608
RGB	0, 22, 8
RGB Percent	0%, 9%, 3%
CMY	1.0000, 0.9137, 0.9686
CMYK	1.00, 0.00, 0.64, 0.91
HSL	142°, 100%, 4%
HSV	142°, 100%, 9%
XYZ	0.3307, 0.5914, 0.3264
YIQ	13.8260, -8.6180, -9.0180

Conversions

Conversions Part 2

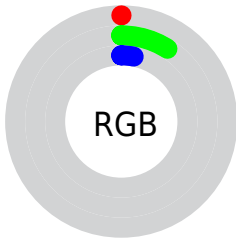
Format	Color
RYB	0, 16, 22
Decimal	5640
CIELab	5.34, -9.48, 4.54
CIElCh	5, 10.508, 154.398
Yxy	0.5914, 0.2649, 0.4736
Android (android.graphics.Color)	4278195720 (0xFF001608)
YUV	13.8260, -2.8722, -12.1254
Hunter-Lab	7.6899, -5.7802, 2.8661

Details

The Decimal color **5640** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1441806**, and the grayscale version is **921102**.

A 20% lighter version of the original color is **3096629**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **5640**, and if you desaturate by 10%, it is **136713**.

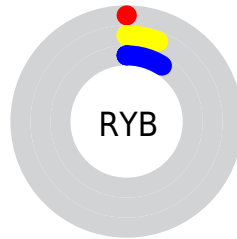
Distribution



Red (0%)

Green (9%)

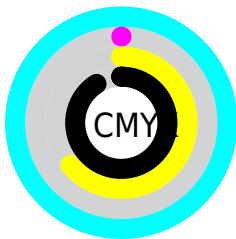
Blue (3%)



Red (0%)

Yellow (6%)

Blue (9%)

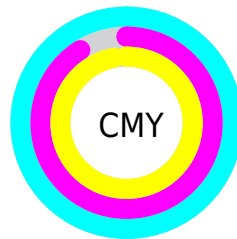


Cyan (100%)

Magenta (0%)

Yellow (64%)

Black (91%)



Cyan (100%)

Magenta (91%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5640 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 5640 by changing the saturation by 10% instead.

■ 5640

■ 5640

■ 14874601

■ 0

■ 3096629

■ 4609868

■ 6123619

■ 7768444

■ 9479062

■ 11190193

■ 13032140

■ 5640

■ 136713

■ 267787

■ 464396

■ 595470

■ 726543

■ 857616

■ 988690

■ 1185299

■ 1316373

Harmonies

Analogous

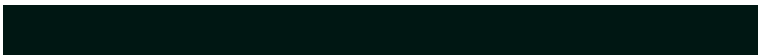
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



922624



5640



5907

Triad

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



5640



594464



2165765

Complementary

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



5640



1441806

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.



2099985



5640



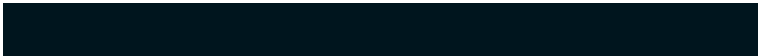
1380126

Square

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



5640



5406



1838104



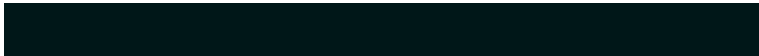
1969664

Rectangle

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



5640



5912



1838104



2165769

Sweetspot

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



5640



1317911



923136



659212



9408399



986895

Same Dimension

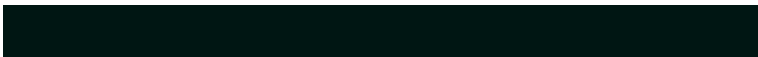
The Same Dimension uses a secret algorithm to generate beautiful new colors.



5640



7178



5651



592394



18971



51529

Inverse Universe

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



1441806



1835026



1441795



657674



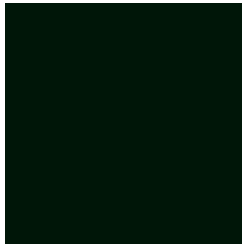
4849711



13172864

Previews

White Background



This preview shows how the Decimal color 5640 looks on a white background.

Color Contrast Check

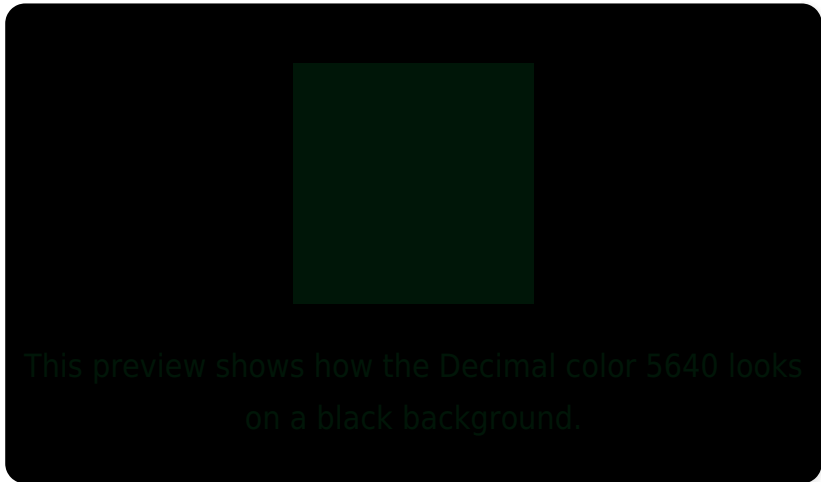
Large Text (above 18pt) WCAG AA ✓ Pass

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

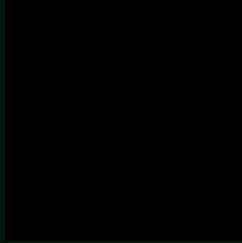
Any Text WCAG AA × Fail

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 5640 Background



This preview shows how black text looks on a background with the Decimal color 5640.



This preview shows how white text looks on a background with the Decimal color 5640.

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
5640

Protanopia
1381127

Deuteranopia
1511945



Tritanopia
595222

Trichromacy



Original Color

5640

Protanomaly

857095

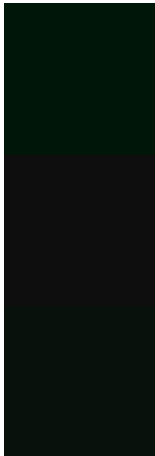
Deuteranomaly

987913

Tritanomaly

398609

Monochromacy



Original Color

5640

Achromatopsia

921102

Achromatomaly

594188

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5640 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 #001608 looks like.

```
.text, #text, p{  
    color:#001608  
}
```

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 #001608 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001608
}
```

Border

The CSS property to change the border of an element to Decimal 5640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

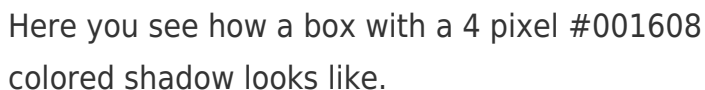
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001608 }
```

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

```
.border{ border-color:#001608 }
```

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



Here you see how a box with a 4 pixel #001608 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001608; -webkit-box-shadow:4px 4px  
4px 4px #001608; box-shadow:4px 4px 4px  
4px #001608 }
```

Background

The CSS property to change the background color of an element to Decimal 5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001608 }
```

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

```
.background{ background-color:#001608 }
```

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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