

# Converting Colors

Decimal(5910)

Have a look what the booklet for  
Decimal(5910) contains.

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# Color

**Decimal(5910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	001716
RGB	0, 23, 22
RGB Percent	0%, 9%, 9%
CMY	1.0000, 0.9098, 0.9137
CMYK	1.00, 0.00, 0.04, 0.91
HSL	177°, 100%, 5%
HSV	177°, 100%, 9%
XYZ	0.4512, 0.6707, 0.8647
YIQ	16.0090, -13.3870, -5.1870

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	0, 12, 23
Decimal	5910
CIE Lab	6.06, -7.63, -1.92
CIE LCh	6, 7.869, 194.143
Yxy	0.6707, 0.2271, 0.3376
Android (android.graphics.Color)	4278195990 (0xFF001716)
YUV	16.0090, 2.9536, -14.0399
Hunter-Lab	8.1897, -4.4976, -0.5275

# Details

The Decimal color **5910** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1507329**, and the grayscale version is **1052688**.

A 20% lighter version of the original color is **3031360**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **5910**, and if you desaturate by 10%, it is **136982**.

# Distribution



Red (0%)

Green (9%)

Blue (9%)



Red (0%)

Yellow (5%)

Blue (9%)

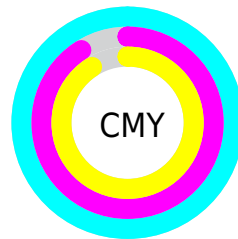


Cyan (100%)

Magenta (0%)

Yellow (4%)

Black (91%)



Cyan (100%)

Magenta (91%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5910 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 5910 by changing the saturation by 10% instead.



■ 5910

■ 5910

■ 14874871

■ 0

■ 3031360

■ 4544856

■ 6123888

■ 7768713

■ 9479588

■ 11190463

■ 12967131

■ 5910

■ 136982

■ 333590

■ 464662

■ 595734

■ 792342

■ 923415

■ 1054487

■ 1185559

■ 1382167

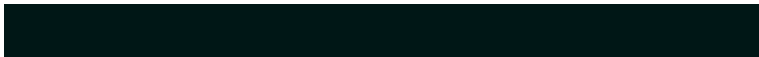
# Harmonies

## Analogous

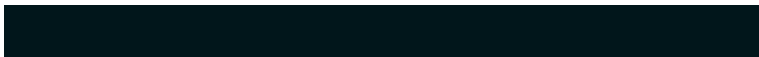
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



333584



5910



71195

# Triad

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



5910



1577243



1774084

# Complementary

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



5910



1507329

# 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.



1970185



5910



1839127

# Square

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



5910



1119006



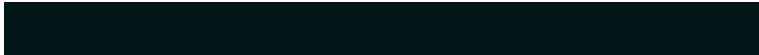
2035472



1446915

# Rectangle

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



5910



333085



2035472



1839365



# Sweetspot

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



5910



1384222



71424



659215



9408399



986895



# Same Dimension

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



5910



7965



3351



724237



19785



52419



# Inverse Universe

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



1507329



2031617



1509888



854796



5046275



13369353



# Previews

## White Background



This preview shows how the Decimal color 5910 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

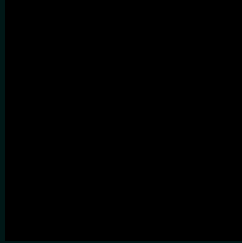
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5910 Background



This preview shows how black text looks on a background with the Decimal color 5910.



This preview shows how white text looks on a background with the Decimal color 5910.

# 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**  
5910

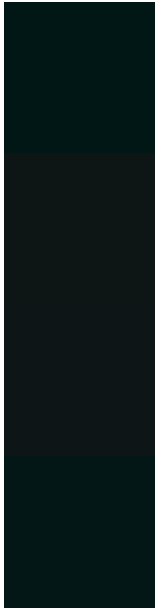
**Protanopia**  
1381396

**Deuteranopia**  
1381399



**Tritanopia**  
333592

# Trichromacy



**Original Color**  
5910

**Protanomaly**  
857365

**Deuteranomaly**  
857367

**Tritanomaly**  
202519

# Monochromacy



**Original Color**  
5910

**Achromatopsia**  
1052688

**Achromatomaly**  
660242

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5910 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 #001716 looks like.

```
.text, #text, p{  
    color:#001716  
}
```

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 #001716 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001716
}
```

## Border

The CSS property to change the border of an element to Decimal 5910 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
#001716 }
```

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

```
.border{ border-color:#001716 }
```

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

Here you see how a box with a 4 pixel #001716 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001716; -webkit-box-shadow:4px 4px  
4px 4px #001716; box-shadow:4px 4px 4px  
4px #001716 }
```

# Background

The CSS property to change the background color of an element to Decimal 5910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001716 }
```

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

```
.background{ background-color:#001716 }
```

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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