

Converting Colors

Decimal(23580)

Have a look what the booklet for
Decimal(23580) contains.

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Color

Decimal(23580)

Conversions

Conversions Part 1

Format	Color
Hex	005C1C
RGB	0, 92, 28
RGB Percent	0%, 36%, 11%
CMY	1.0000, 0.6392, 0.8902
CMYK	1.00, 0.00, 0.70, 0.64
HSL	138°, 100%, 18%
HSV	138°, 100%, 36%
XYZ	4.0367, 7.7381, 2.3795
YIQ	57.1960, -34.2880, -39.4080

Conversions

Conversions Part 2

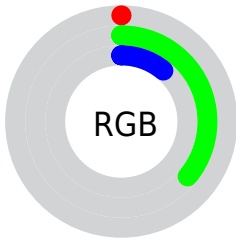
Format	Color
RYB	0, 71, 92
Decimal	23580
CIELab	33.43, -38.62, 29.31
CIElCh	33, 48.482, 142.802
Yxy	7.7381, 0.2852, 0.5467
Android (android.graphics.Color)	4278213660 (0xFF005C1C)
YUV	57.1960, -14.3936, -50.1609
Hunter-Lab	27.8175, -22.7775, 14.4007

Details

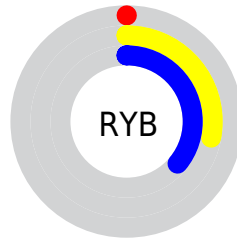
The Decimal color **23580** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6029376**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **4427595**, and **11520** is the 20% darker color. If you saturate the color by 10%, you get **23580**, and if you desaturate by 10%, it is **613410**.

Distribution



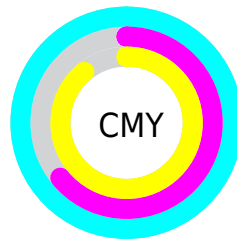
- Red (0%)
- Green (36%)
- Blue (11%)



- Red (0%)
- Yellow (28%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 23580 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 23580 by changing the saturation by 10% instead.

■ 23580 ■ 23580

16777215 ■ 17412

■ 4427595 ■ 11520

■ 6204003 ■ 5120

■ 7980669 ■ 0

■ 9822871

■ 11599794

■ 13500366

■ 15400938

■ 23580

■ 613410

■ 1203241

■ 1858607

■ 2448438

■ 3038268

■ 3628098

■ 4217929

■ 4873295

■ 5463126

Harmonies

Analogous

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



4478208



23580



24388

Triad

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



23580



22171



9512755

Complementary

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



23580



6029376

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.



9250138



23580



3688854

Square

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



23580



23947



7550334



8534287

Rectangle

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



23580



24671



7550334



9577536

Sweetspot

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



23580



5535839



4217856



2571566



12434877



4013373

Same Dimension

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



23580



30756



23626



2698795



28193



60744

Inverse Universe

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



6029376



7864403



6029330



3025197



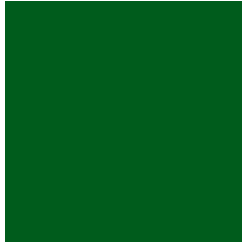
7209036



15532197

Previews

White Background



This preview shows how the Decimal color 23580 looks on a white background.

Color Contrast Check

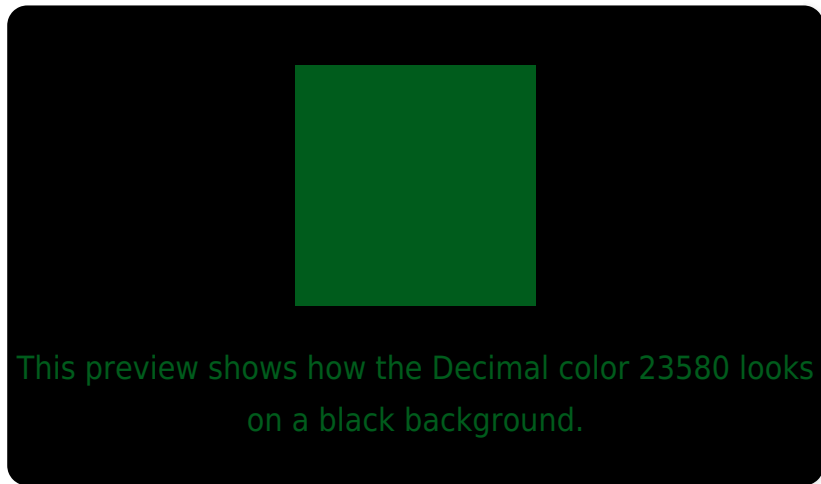
Large Text (above 18pt) WCAG AA ✓ Pass

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

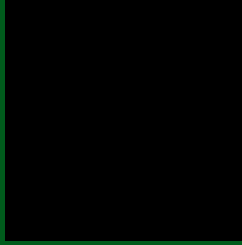
Any Text WCAG AA × Fail

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 23580 Background



This preview shows how black text looks on a background with the Decimal color 23580.



This preview shows how white text looks on a background with the Decimal color 23580.

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
23580

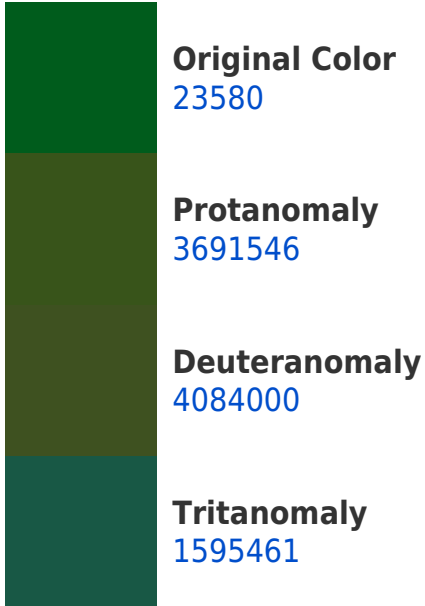
Protanopia
5787417

Deuteranopia
6441762

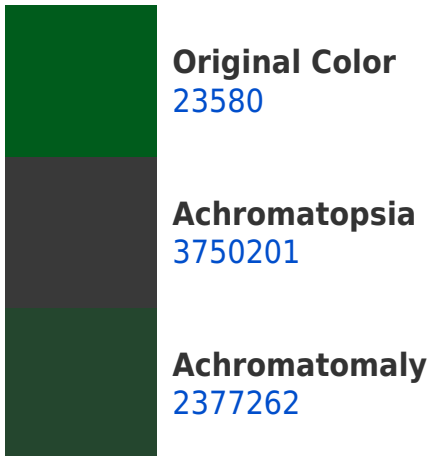


Tritanopia
2512477

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 23580 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 #005C1C looks like.

```
.text, #text, p{  
    color:#005C1C  
}
```

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 #005C1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C1C
}
```

Border

The CSS property to change the border of an element to Decimal 23580 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
#005C1C }
```

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

```
.border{ border-color:#005C1C }
```

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

Here you see how a box with a 4 pixel #005C1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C1C; -webkit-box-shadow:4px 4px  
4px 4px #005C1C; box-shadow:4px 4px 4px  
4px #005C1C }
```

Background

The CSS property to change the background color of an element to Decimal 23580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C1C }
```

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

```
.background{ background-color:#005C1C }
```

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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