

Converting Colors

Decimal(25123)

Have a look what the booklet for
Decimal(25123) contains.

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Color

Decimal(25123)

Conversions

Conversions Part 1

Format	Color
Hex	006223
RGB	0, 98, 35
RGB Percent	0%, 38%, 14%
CMY	1.0000, 0.6157, 0.8627
CMYK	1.00, 0.00, 0.64, 0.62
HSL	141°, 100%, 19%
HSV	141°, 100%, 38%
XYZ	4.6711, 8.8567, 3.0534
YIQ	61.5160, -38.1850, -40.3690

Conversions

Conversions Part 2

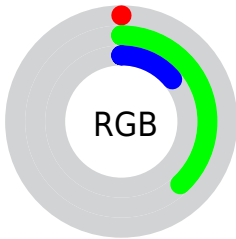
Format	Color
RYB	0, 72, 98
Decimal	25123
CIELab	35.71, -39.73, 28.39
CIELCh	36, 48.829, 144.454
Yxy	8.8567, 0.2817, 0.5341
Android (android.graphics.Color)	4278215203 (0xFF006223)
YUV	61.5160, -13.0724, -53.9495
Hunter-Lab	29.7602, -24.0637, 14.7489

Details

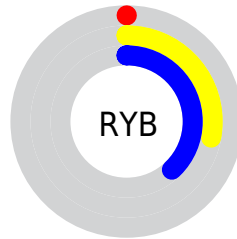
The Decimal color **25123** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6422591**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **4560466**, and **12800** is the 20% darker color. If you saturate the color by 10%, you get **25123**, and if you desaturate by 10%, it is **680489**.

Distribution



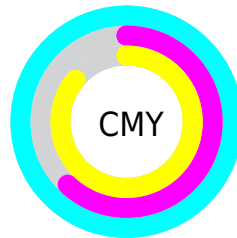
- Red (0%)
- Green (38%)
- Blue (14%)



- Red (0%)
- Yellow (28%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 25123 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 25123 by changing the saturation by 10% instead.



25123



25123

16777215



18700



4560466



12800



6336875



7168



8179076



0



9955743



11796410



13696982



15597555



25123

■ 680489

■ 1335856

■ 1925686

■ 2581052

■ 3236419

■ 3891785

■ 4547151

■ 5136981

■ 5792348

Harmonies

Analogous

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



4676352



25123



25931

Triad

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



25123



23458



9973302

Complementary

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



25123



6422591

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.



9775709



25123



4410780

Square

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



25123



25491



8141442



8929042

Rectangle

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



25123



26214



8141442



10037827

Sweetspot

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



25123



586575



4219392



2703409



12566463



4210752

Same Dimension

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



25123



32814



25171



2895917



28712



61526

Inverse Universe

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



6422591



8388690



6422543



3157039



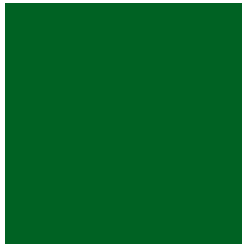
7340104



15728794

Previews

White Background



This preview shows how the Decimal color 25123 looks on a white background.

Color Contrast Check

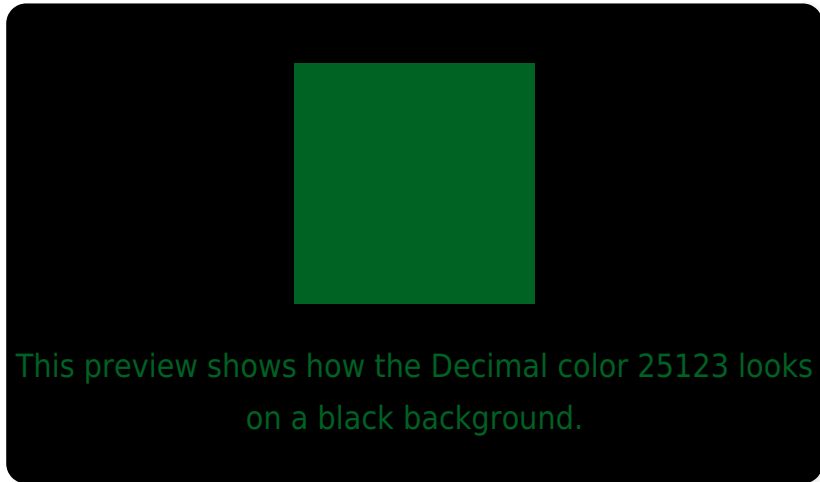
Large Text (above 18pt) WCAG AA ✓ Pass

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

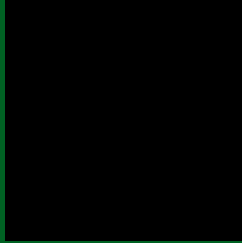
Any Text WCAG AA × Fail

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 25123 Background



This preview shows how black text looks on a background with the Decimal color 25123.



This preview shows how white text looks on a background with the Decimal color 25123.

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
25123

Protanopia
6181919

Deuteranopia
6836265

Trichromacy



Original Color
25123

Protanomaly
3954976

Deuteranomaly
4347687

Tritanomaly
1662540

Monochromacy



Original Color
25123

Achromatopsia
4079166

Achromatomaly
2575156

CSS Examples

Text

The CSS property to change the color of the text to Decimal 25123 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 #006223 looks like.

```
.text, #text, p{  
    color:#006223  
}
```

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 #006223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006223
}
```

Border

The CSS property to change the border of an element to Decimal 25123 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
#006223 }
```

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

```
.border{ border-color:#006223 }
```

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

Here you see how a box with a 4 pixel #006223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006223; -webkit-box-shadow:4px 4px  
4px 4px #006223; box-shadow:4px 4px 4px  
4px #006223 }
```

Background

The CSS property to change the background color of an element to Decimal 25123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006223 }
```

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

```
.background{ background-color:#006223 }
```

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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