

Converting Colors

Decimal(33563)

Have a look what the booklet for
Decimal(33563) contains.

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Color

Decimal(33563)

Conversions

Conversions Part 1

Format	Color
Hex	00831B
RGB	0, 131, 27
RGB Percent	0%, 51%, 11%
CMY	1.0000, 0.4863, 0.8941
CMYK	1.00, 0.00, 0.79, 0.49
HSL	132°, 100%, 26%
HSV	132°, 100%, 51%
XYZ	8.3141, 16.3117, 3.7472
YIQ	79.9750, -44.6920, -60.1160

Conversions

Conversions Part 2

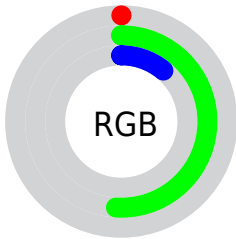
Format	Color
RYB	0, 109, 131
Decimal	33563
CIELab	47.38, -51.24, 44.22
CIELCh	47, 67.684, 139.204
Yxy	16.3117, 0.2930, 0.5749
Android (android.graphics.Color)	4278223643 (0xFF00831B)
YUV	79.9750, -26.1167, -70.1381
Hunter-Lab	40.3878, -33.9331, 22.7705

Details

The Decimal color **33563** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8585320**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **5355855**, and **20480** is the 20% darker color. If you saturate the color by 10%, you get **33563**, and if you desaturate by 10%, it is **885541**.

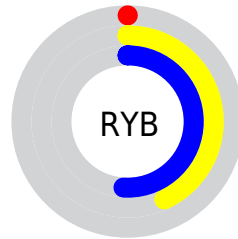
Distribution



Red (0%)

Green (51%)

Blue (11%)



Red (0%)

Yellow (43%)

Blue (51%)

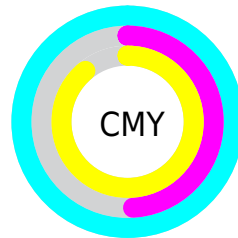


Cyan (100%)

Magenta (0%)

Yellow (79%)

Black (49%)



Cyan (100%)

Magenta (49%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 33563 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 33563 by changing the saturation by 10% instead.



33563



33563

16777215



26880



5355855



20480



7329129



14336



9171587



8448



11075486



0



12976058



14942166



16777203



33563

■ 885541

■ 1737520

■ 2589498

■ 3441477

■ 4358991

■ 5210969

■ 6062948

■ 6914926

■ 7766905

Harmonies

Analogous

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



6715648



33563



34905

Triad

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



33563



32225



13839951

Complementary

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



33563



8585320

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.



13250184



33563



3304157

Square

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



33563



34758



10440124



12536855

Rectangle

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



33563



35201



10440124



13838689

Sweetspot

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



33563



7908226



6914816



3626814



14079702



5723991

Same Dimension

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



33563



43811



33628



3949117



33307



769

Inverse Universe

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



8585320



11206792



8585255



4340801



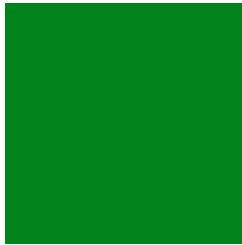
8519783



196610

Previews

White Background



This preview shows how the Decimal color 33563 looks on a white background.

Color Contrast Check

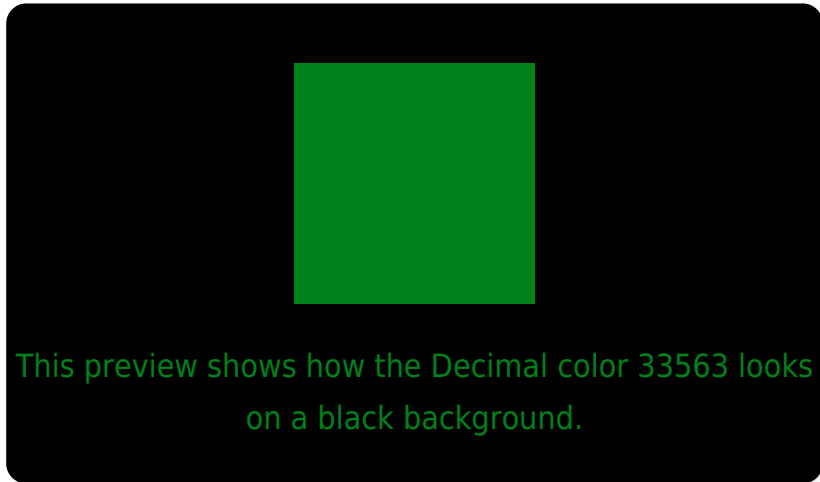
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 33563 Background



This preview shows how black text looks on a background with the Decimal color 33563.



This preview shows how white text looks on a background with the Decimal color 33563.

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
33563

Protanopia
8286230

Deuteranopia
9202214



Tritanopia
3570308

Trichromacy



Original Color
33563



Protanomaly
5273368



Deuteranomaly
5862178



Tritanomaly
2260318

Monochromacy



Original Color
33563



Achromatopsia
5263440



Achromatomaly
3367741

CSS Examples

Text

The CSS property to change the color of the text to Decimal 33563 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 #00831B looks like.

```
.text, #text, p{  
    color:#00831B  
}
```

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 #00831B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00831B
}
```

Border

The CSS property to change the border of an element to Decimal 33563 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
#00831B }
```

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

```
.border{ border-color:#00831B }
```

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

Here you see how a box with a 4 pixel #00831B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00831B; -webkit-box-shadow:4px 4px  
4px 4px #00831B; box-shadow:4px 4px 4px  
4px #00831B }
```

Background

The CSS property to change the background color of an element to Decimal 33563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00831B }
```

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

```
.background{ background-color:#00831B }
```

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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