

Converting Colors

Decimal(20539)

Have a look what the booklet for
Decimal(20539) contains.

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Color

Decimal(20539)

Conversions

Conversions Part 1

Format	Color
Hex	00503B
RGB	0, 80, 59
RGB Percent	0%, 31%, 23%
CMY	1.0000, 0.6863, 0.7686
CMYK	1.00, 0.00, 0.26, 0.69
HSL	164°, 100%, 16%
HSV	164°, 100%, 31%
XYZ	3.6581, 6.0531, 5.1132
YIQ	53.6860, -40.9390, -23.4910

Conversions

Conversions Part 2

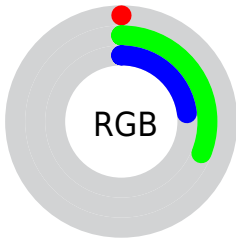
Format	Color
RYB	0, 46, 80
Decimal	20539
CIELab	29.55, -27.51, 6.37
CIELCh	30, 28.233, 166.958
Yxy	6.0531, 0.2468, 0.4083
Android (android.graphics.Color)	4278210619 (0xFF00503B)
YUV	53.6860, 2.6198, -47.0826
Hunter-Lab	24.6030, -16.5152, 4.8999

Details

The Decimal color **20539** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5242901**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **4162154**, and **8977** is the 20% darker color. If you saturate the color by 10%, you get **20539**, and if you desaturate by 10%, it is **544829**.

Distribution



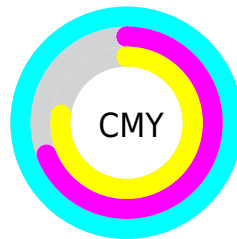
- Red (0%)
- Green (31%)
- Blue (23%)



- Red (0%)
- Yellow (18%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 20539 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 20539 by changing the saturation by 10% instead.



20539



20539

16777215



14629



4162154



8977



5872771



0



7583645



9360312



11137236



12976112



14876671



20539

■ 544829

■ 1069119

■ 1593409

■ 2117699

■ 2641990

■ 3166280

■ 3690570

■ 4214860

■ 4739150

Harmonies

Analogous

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



2968871



20539



20818

Triad

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



20539



3621999



6895910

Complementary

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



20539



5242901

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.



7287610



20539



5716836

Square

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



20539



19312



6894672



5914906

Rectangle

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



20539



20575



6894672



7092012

Sweetspot

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



20539



4811104



1396736



2242096



11908533



3552822

Same Dimension

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



20539



26957



15696



2435368



59563

Inverse Universe

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



5242901



6881307



5247744



2696486



15204413

Previews

White Background



This preview shows how the Decimal color 20539 looks on a white background.

Color Contrast Check

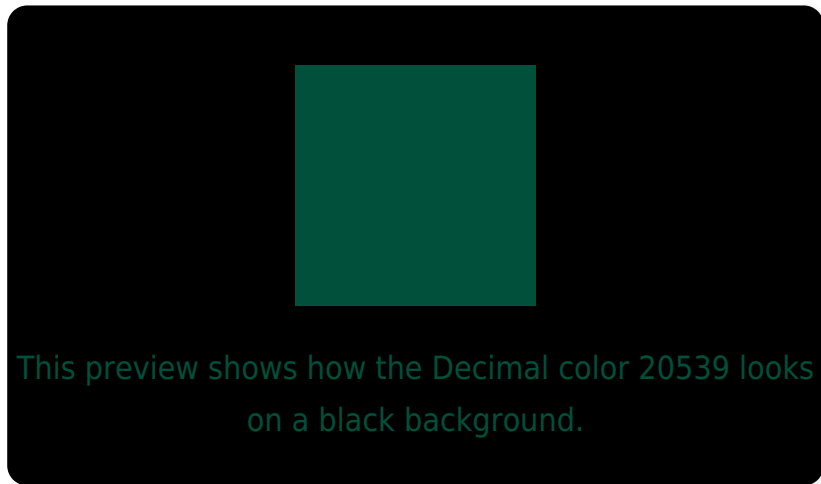
Large Text (above 18pt) WCAG AA ✓ Pass

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

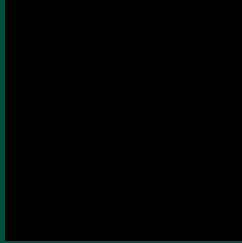
Any Text WCAG AA × Fail

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 20539 Background



This preview shows how black text looks on a background with the Decimal color 20539.



This preview shows how white text looks on a background with the Decimal color 20539.

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
20539

Protanopia
4933174

Deuteranopia
5260094



Tritanopia
1723731

Trichromacy



Original Color
20539

Protanomaly
3164728

Deuteranomaly
3360829

Tritanomaly
1134154

Monochromacy



Original Color
20539

Achromatopsia
3552822

Achromatomaly
2244408

CSS Examples

Text

The CSS property to change the color of the text to Decimal 20539 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 #00503B looks like.

```
.text, #text, p{  
    color:#00503B  
}
```

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 #00503B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00503B
}
```

Border

The CSS property to change the border of an element to Decimal 20539 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
#00503B }
```

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

```
.border{ border-color:#00503B }
```

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

Here you see how a box with a 4 pixel #00503B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00503B; -webkit-box-shadow:4px 4px  
4px 4px #00503B; box-shadow:4px 4px 4px  
4px #00503B }
```

Background

The CSS property to change the background color of an element to Decimal 20539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00503B }
```

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

```
.background{ background-color:#00503B }
```

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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