

# Converting Colors

Decimal(20020)

Have a look what the booklet for  
Decimal(20020) contains.

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# Color

**Decimal(20020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004E34
RGB	0, 78, 52
RGB Percent	0%, 31%, 20%
CMY	1.0000, 0.6941, 0.7961
CMYK	1.00, 0.00, 0.33, 0.69
HSL	160°, 100%, 15%
HSV	160°, 100%, 31%
XYZ	3.3442, 5.6967, 4.1721
YIQ	51.7140, -38.1420, -24.6220

# Conversions

## Conversions Part 2

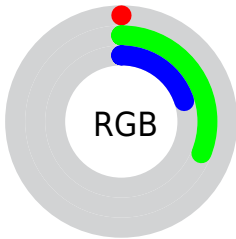
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 47, 78
Decimal	20020
CIELab	28.63, -28.55, 9.53
CIELCh	29, 30.096, 161.541
Yxy	5.6967, 0.2531, 0.4311
Android (android.graphics.Color)	4278210100 (0xFF004E34)
YUV	51.7140, 0.1410, -45.3532
Hunter-Lab	23.8678, -16.7582, 6.3435

# Details

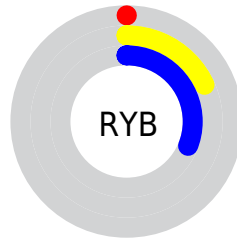
The Decimal color **20020** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5111834**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **4096099**, and **8711** is the 20% darker color. If you saturate the color by 10%, you get **20020**, and if you desaturate by 10%, it is **544311**.

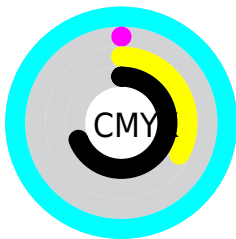
# Distribution



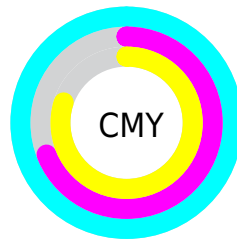
- Red (0%)
- Green (31%)
- Blue (20%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 20020 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 20020 by changing the saturation by 10% instead.





■ 544311

■ 1068601

■ 1527356

■ 2051646

■ 2575937

■ 3100228

■ 3624518

■ 4083273

■ 4607563

# Harmonies

## Analogous

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



3033887



20020



20300

# Triad

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



20020



2769777



6960166

# Complementary

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



20020



5111834

# 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.



7221051



20020



5323366

# Square

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



20020



19055



6762835



6044950

# Rectangle

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



20020



20315



6762835



7156269



# Sweetspot

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



20020



4679260



1723904



2175789



11776947



3355443



# Same Dimension

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



20020



26180



16718



2237989



59033

# Inverse Universe

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



5111834



6684706



5115136



2499108



15073357

# Previews

## White Background



This preview shows how the Decimal color 20020 looks on a white background.

## Color Contrast Check

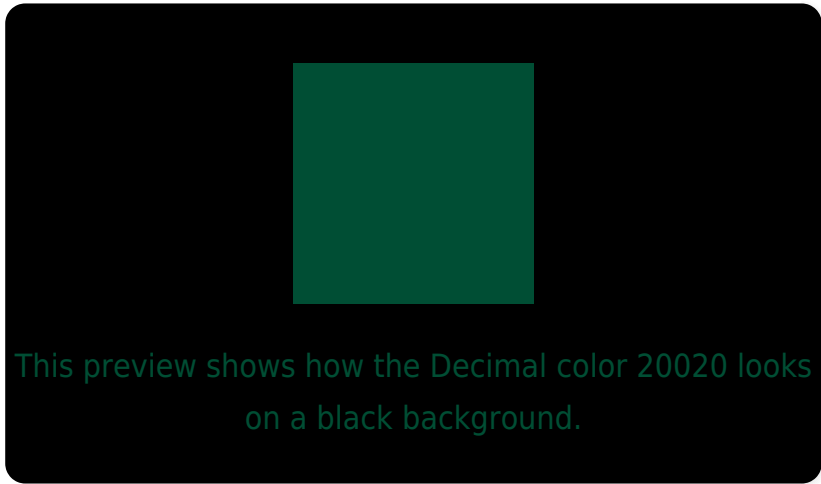
Large Text (above 18pt) WCAG AA ✓ Pass

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

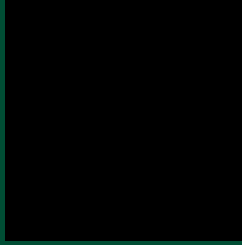
Any Text WCAG AA × Fail

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 20020 Background



This preview shows how black text looks on a background with the Decimal color 20020.

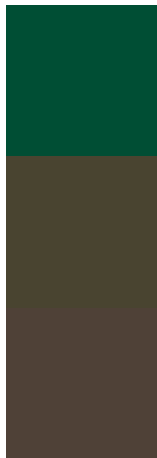


This preview shows how white text looks on a background with the Decimal color 20020.

# 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

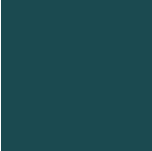


**Original Color**  
20020

**Protanopia**  
4801584

**Deuteranopia**  
5194039





**Tritanopia**  
1788496

# Trichromacy



**Original Color**  
20020

**Protanomaly**  
3033137

**Deuteranomaly**  
3294774

**Tritanomaly**  
1133382

# Monochromacy



**Original Color**  
20020

**Achromatopsia**  
3421236

**Achromatomaly**  
2178356

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 20020 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 #004E34 looks like.

```
.text, #text, p{  
    color:#004E34  
}
```

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 #004E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004E34
}
```

## Border

The CSS property to change the border of an element to Decimal 20020 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
#004E34 }
```

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

```
.border{ border-color:#004E34 }
```

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

Here you see how a box with a 4 pixel #004E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004E34; -webkit-box-shadow:4px 4px  
4px 4px #004E34; box-shadow:4px 4px 4px  
4px #004E34 }
```

# Background

The CSS property to change the background color of an element to Decimal 20020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004E34 }
```

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

```
.background{ background-color:#004E34 }
```

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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