

Converting Colors

Decimal(20264)

Have a look what the booklet for
Decimal(20264) contains.

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Color

Decimal(20264)

Conversions

Conversions Part 1

Format	Color
Hex	004F28
RGB	0, 79, 40
RGB Percent	0%, 31%, 16%
CMY	1.0000, 0.6902, 0.8431
CMYK	1.00, 0.00, 0.49, 0.69
HSL	150°, 100%, 15%
HSV	150°, 100%, 31%
XYZ	3.1790, 5.7452, 2.9489
YIQ	50.9330, -34.5650, -28.8770

Conversions

Conversions Part 2

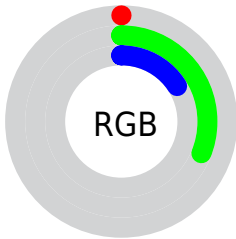
Format	Color
RYB	0, 52, 79
Decimal	20264
CIELab	28.76, -31.84, 17.11
CIELCh	29, 36.143, 151.742
Yxy	5.7452, 0.2677, 0.4839
Android (android.graphics.Color)	4278210344 (0xFF004F28)
YUV	50.9330, -5.3900, -44.6682
Hunter-Lab	23.9691, -18.2717, 9.4840

Details

The Decimal color **20264** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5177383**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **4096342**, and **8960** is the 20% darker color. If you saturate the color by 10%, you get **20264**, and if you desaturate by 10%, it is **544556**.

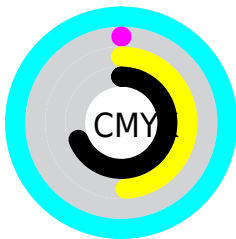
Distribution



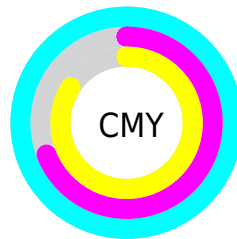
- Red (0%)
- Green (31%)
- Blue (16%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 20264 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 20264 by changing the saturation by 10% instead.

■ 20264 ■ 20264

16711679 ■ 14099

■ 4096342 ■ 8960

■ 5806958 ■ 0

■ 7517832

■ 9294498

■ 11071421

■ 12910553

■ 14811126

■ 20264

■ 544556

■ 1068848

■ 1593140

■ 2117432

■ 2641723

■ 3100479

■ 3624771

■ 4149063

■ 4673355

Harmonies

Analogous

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



3427087



20264



20805

Triad

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



20264



18300



7613736

Complementary

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



20264



5177383

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.



7678275



20264



4602996

Square

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



20264



19829



6762335



6699025

Rectangle

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



20264



20824



6762335



7744049

Sweetspot

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



20264



4679255



2641664



2175786



11776947



3355443

Same Dimension

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



20264



26164



20303



2237988



58996

Inverse Universe

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



5177383



6684722



5177344



2499108



15073393

Previews

White Background



This preview shows how the Decimal color 20264 looks on a white background.

Color Contrast Check

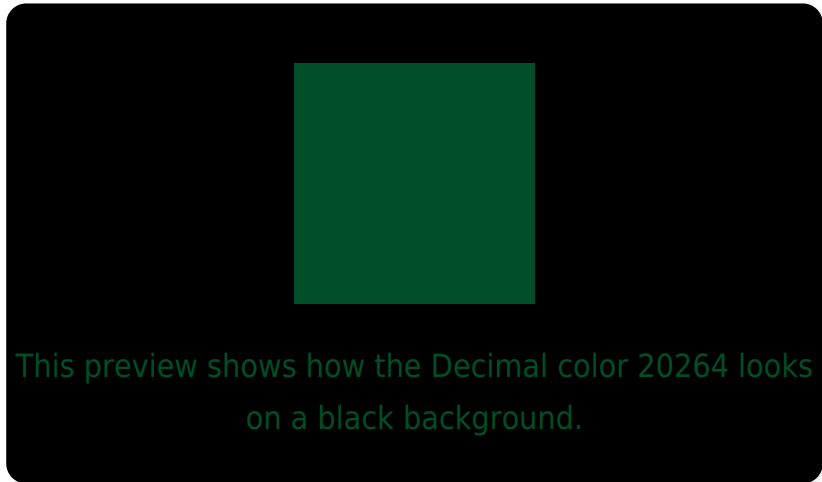
Large Text (above 18pt) WCAG AA ✓ Pass

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 20264 Background



This preview shows how black text looks on a background with the Decimal color 20264.



This preview shows how white text looks on a background with the Decimal color 20264.

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](#).

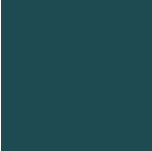
Dichromacy



Original Color
20264

Protanopia
4932644

Deuteranopia
5390635



Tritanopia
1985361

Trichromacy



Original Color
20264

Protanomaly
3164197

Deuteranomaly
3425834

Tritanomaly
1264706

Monochromacy



Original Color
20264

Achromatopsia
3355443

Achromatomaly
2112815

CSS Examples

Text

The CSS property to change the color of the text to Decimal 20264 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 #004F28 looks like.

```
.text, #text, p{  
    color:#004F28  
}
```

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 #004F28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F28
}
```

Border

The CSS property to change the border of an element to Decimal 20264 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
#004F28 }
```

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

```
.border{ border-color:#004F28 }
```

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

Here you see how a box with a 4 pixel #004F28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F28; -webkit-box-shadow:4px 4px  
4px 4px #004F28; box-shadow:4px 4px 4px  
4px #004F28 }
```

Background

The CSS property to change the background color of an element to Decimal 20264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F28 }
```

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

```
.background{ background-color:#004F28 }
```

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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