

Converting Colors

Decimal(2004064)

Have a look what the booklet for
Decimal(2004064) contains.

Decimal(2004064)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2004064)

Conversions

Conversions Part 1

Format	Color
Hex	1E9460
RGB	30, 148, 96
RGB Percent	12%, 58%, 38%
CMY	0.8824, 0.4196, 0.6235
CMYK	0.80, 0.00, 0.35, 0.42
HSL	154°, 66%, 35%
HSV	154°, 80%, 58%
XYZ	13.2366, 22.3004, 14.6731
YIQ	106.7900, -53.6360, -41.1880

Conversions

Conversions Part 2

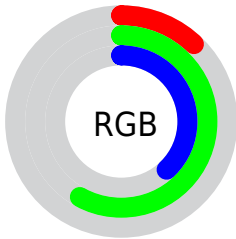
Format	Color
R_{YB}	30, 106, 148
Decimal	2004064
CIE _{Lab}	54.34, -44.04, 18.75
CIE _{LCh}	54, 47.862, 156.943
Yxy	22.3004, 0.2636, 0.4441
Android (android.graphics.Color)	4280194144 (0xFF1E9460)
YUV	106.7900, -5.3195, -67.3448
Hunter-Lab	47.2233, -32.6073, 14.6338

Details

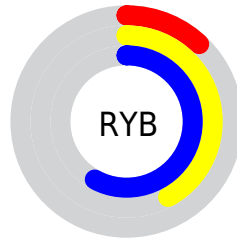
The Decimal color **2004064** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9707090**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **6278035**, and **24625** is the 20% darker color. If you saturate the color by 10%, you get **1021017**, and if you desaturate by 10%, it is **2987111**.

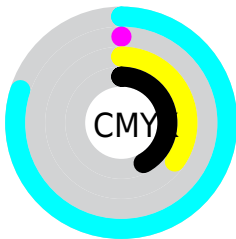
Distribution



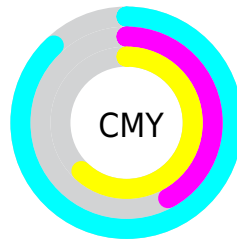
- Red (12%)
- Green (58%)
- Blue (38%)



- Red (12%)
- Yellow (42%)
- Blue (58%)



- Cyan (80%)
- Magenta (0%)
- Yellow (35%)
- Black (42%)



- Cyan (88%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2004064 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 2004064 by changing the saturation by 10% instead.



2004064



2004064

16777215



31304



6278035



24625



8185774



18203



10026953



12291



11927525



6144



13828095



0



15794175



2004064



2004064



1021017



2987111

■ 37971

■ 3970157

■ 4887668

■ 5870714

■ 6853761

■ 7836807

■ 8819854

■ 9737364

■ 10720411

Harmonies

Analogous

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



6590012



2004064



38539

Triad

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



2004064



4490196



13198674

Complementary

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



2004064



9707090

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.



13524346



2004064



9532356

Square

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



2004064



36814



12346275



11760692

Rectangle

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



2004064



38566



12346275



13459807

Sweetspot

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



2004064



9551787



5477406



4546901



14737632



6381921

Same Dimension

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



2004064



573294



2002580



4409927



35405



2566

Inverse Universe

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



9707090



12519513



9708574



4866886



9044029



655364

Previews

White Background



This preview shows how the Decimal color 2004064 looks on a white background.

Color Contrast Check

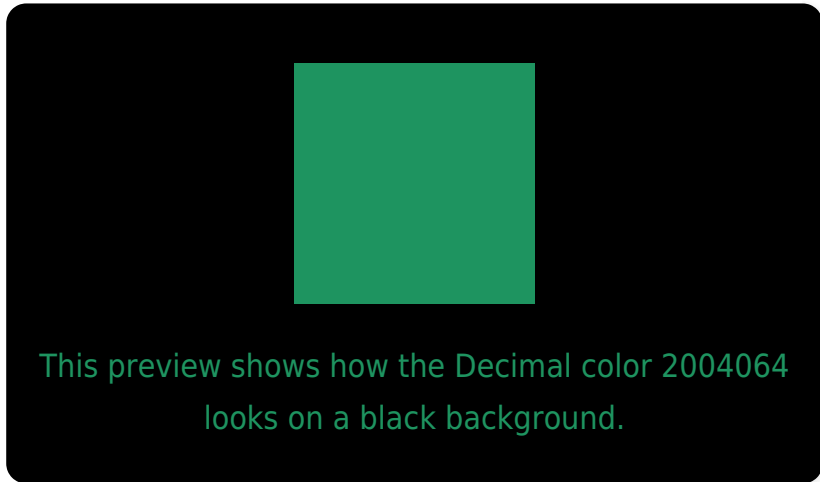
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 2004064 Background



This preview shows how black text looks on a background with the Decimal color 2004064.

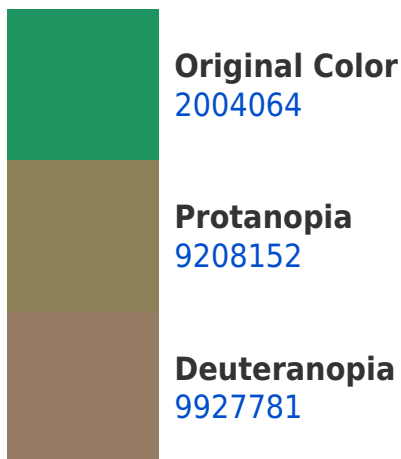


This preview shows how white text looks on a background with the Decimal color 2004064.

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



Trichromacy



Original Color
2004064



Protanomaly
6588507



Deuteranomaly
7046499



Tritanomaly
3182724

Monochromacy



Original Color
2004064



Achromatopsia
7039851



Achromatomaly
5208679

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2004064 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 #1E9460 looks like.

```
.text, #text, p{  
    color:#1E9460  
}
```

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 #1E9460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9460
}
```

Border

The CSS property to change the border of an element to Decimal 2004064 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
#1E9460 }
```

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

```
.border{ border-color:#1E9460 }
```

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

Here you see how a box with a 4 pixel #1E9460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9460; -webkit-box-shadow:4px 4px  
4px 4px #1E9460; box-shadow:4px 4px 4px  
4px #1E9460 }
```

Background

The CSS property to change the background color of an element to Decimal 2004064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9460 }
```

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

```
.background{ background-color:#1E9460 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor