

Converting Colors

Decimal(2004312)

Have a look what the booklet for
Decimal(2004312) contains.

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Color

Decimal(2004312)

Conversions

Conversions Part 1

Format	Color
Hex	1E9558
RGB	30, 149, 88
RGB Percent	12%, 58%, 35%
CMY	0.8824, 0.4157, 0.6549
CMYK	0.80, 0.00, 0.41, 0.42
HSL	149°, 66%, 35%
HSV	149°, 80%, 58%
XYZ	13.0443, 22.4755, 12.8832
YIQ	106.4650, -51.3430, -44.1990

Conversions

Conversions Part 2

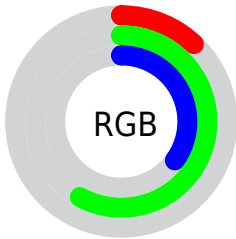
Format	Color
R_{YB}	30, 110, 149
Decimal	2004312
CIE _{Lab}	54.53, -46.09, 23.41
CIE _{LCh}	55, 51.698, 153.071
Yxy	22.4755, 0.2695, 0.4643
Android (android.graphics.Color)	4280194392 (0xFF1E9558)
YUV	106.4650, -9.1032, -67.0598
Hunter-Lab	47.4083, -33.8506, 17.0738

Details

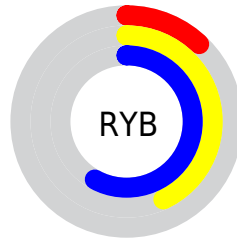
The Decimal color **2004312** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9772635**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **6278283**, and **24873** is the 20% darker color. If you saturate the color by 10%, you get **1021264**, and if you desaturate by 10%, it is **2987360**.

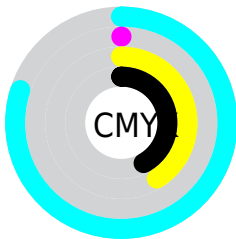
Distribution



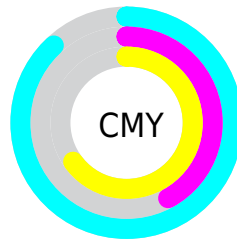
- Red (12%)
- Green (58%)
- Blue (35%)



- Red (12%)
- Yellow (43%)
- Blue (58%)



- Cyan (80%)
- Magenta (0%)
- Yellow (41%)
- Black (42%)



- Cyan (88%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2004312 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 2004312 by changing the saturation by 10% instead.



2004312



2004312

16777215



31552



6278283



24873



8186277



18451



10092480



12544



11927516



6144



13893625



0



15794175



2004312



2004312



1021264



2987360

■ 38217

■ 3970407

■ 4953455

■ 5936503

■ 6919550

■ 7837062

■ 8820109

■ 9803157

■ 10786205

Harmonies

Analogous

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



6852146



2004312



39046

Triad

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



2004312



2000604



13656148

Complementary

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



2004312



9772635

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.



13851008



2004312



9074126

Square

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



2004312



37586



12346028



12218673

Rectangle

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



2004312



39076



12346028



13851746

Sweetspot

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



2004312



9683626



6001950



4546898



14737632



6381921

Same Dimension

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



2004312



574050



2004371



4409926



35395



2565

Inverse Universe

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



9772635



12716135



9772576



4866886



9044039



655365

Previews

White Background



This preview shows how the Decimal color 2004312 looks on a white background.

Color Contrast Check

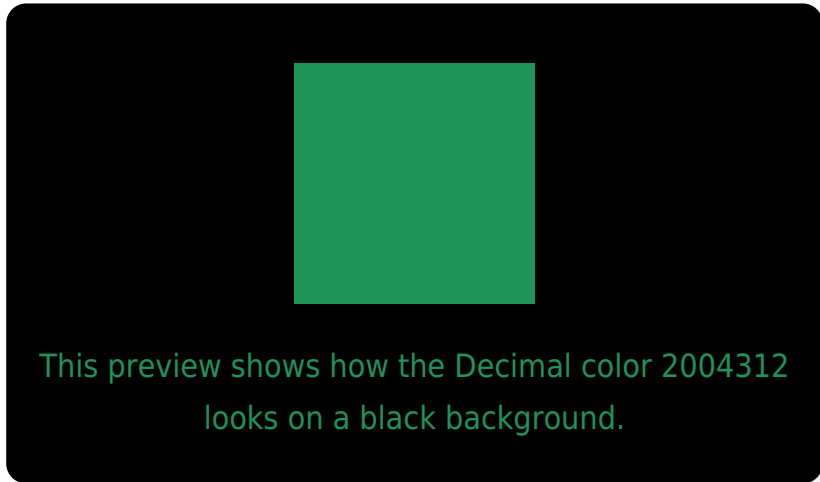
Large Text (above 18pt) WCAG AA ✓ Pass

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

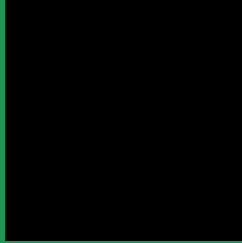
Any Text WCAG AA ✓ Pass

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 2004312 Background



This preview shows how black text looks on a background with the Decimal color 2004312.



This preview shows how white text looks on a background with the Decimal color 2004312.

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
2004312

Protanopia
9273936

Deuteranopia
10124382



Tritanopia
4033945

Trichromacy



Original Color
2004312



Protanomaly
6654291



Deuteranomaly
7177564



Tritanomaly
3313793

Monochromacy



Original Color
2004312



Achromatopsia
6974058



Achromatomaly
5143139

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2004312 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 #1E9558 looks like.

```
.text, #text, p{  
    color:#1E9558  
}
```

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 #1E9558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9558
}
```

Border

The CSS property to change the border of an element to Decimal 2004312 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
#1E9558 }
```

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

```
.border{ border-color:#1E9558 }
```

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

Here you see how a box with a 4 pixel #1E9558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9558; -webkit-box-shadow:4px 4px  
4px 4px #1E9558; box-shadow:4px 4px 4px  
4px #1E9558 }
```

Background

The CSS property to change the background color of an element to Decimal 2004312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9558 }
```

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

```
.background{ background-color:#1E9558 }
```

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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