

Converting Colors

Decimal(2002604)

Have a look what the booklet for
Decimal(2002604) contains.

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Color

Decimal(2002604)

Conversions

Conversions Part 1

Format	Color
Hex	1E8EAC
RGB	30, 142, 172
RGB Percent	12%, 56%, 67%
CMY	0.8824, 0.4431, 0.3255
CMYK	0.83, 0.17, 0.00, 0.33
HSL	193°, 70%, 40%
HSV	193°, 83%, 67%
XYZ	17.6548, 22.6006, 42.4616
YIQ	111.9320, -76.3820, -14.4140

Conversions

Conversions Part 2

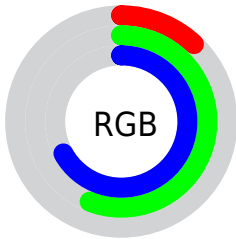
Format	Color
R _Y B	30, 93, 172
Decimal	2002604
CIE Lab	54.66, -19.28, -24.29
CIE LCh	55, 31.014, 231.568
Yxy	22.6006, 0.2134, 0.2732
Android (android.graphics.Color)	4280192684 (0xFF1E8EAC)
YUV	111.9320, 29.6135, -71.8544
Hunter-Lab	47.5401, -16.9061, -19.6783

Details

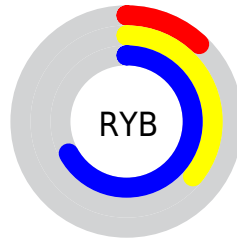
The Decimal color **2002604** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **11287582**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **6669539**, and **23672** is the 20% darker color. If you saturate the color by 10%, you get **887468**, and if you desaturate by 10%, it is **3117740**.

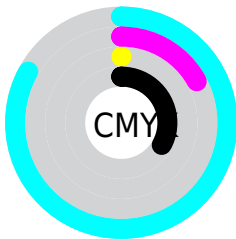
Distribution



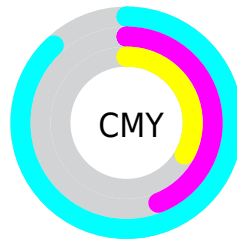
- Red (12%)
- Green (56%)
- Blue (67%)



- Red (12%)
- Yellow (36%)
- Blue (67%)



- Cyan (83%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)



- Cyan (88%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2002604 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 2002604 by changing the saturation by 10% instead.

■ 2002604

■ 2002604

16777215

■ 29841

■ 6669539

■ 23672

■ 8642815

■ 17503

■ 10550783

■ 11591

■ 12517375

■ 6960

■ 14483455

■ 283

■ 16449535

■ 0

■ 2002604

■ 2002604

■ 887468

■ 3117740

■ 34988

■ 4232620

■ 5413292

■ 6528428

■ 7643308

■ 8758444

■ 9873324

■ 11053996

■ 12169132

Harmonies

Analogous

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



1544598



2002604



5212343

Triad

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



2002604



11693963



8488784

Complementary

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



2002604



11287582

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.



10190670



2002604



12021616

Square

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



2002604



10319268



11498842



6458721

Rectangle

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



2002604



7176887



11498842



9077837

Sweetspot

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



2002604



11064800



2010170



5204336



15790320



7368816

Same Dimension

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



2002604



176608



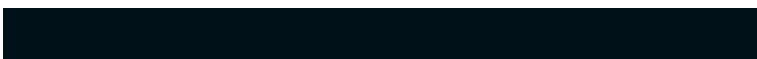
1984940



5133655



30614



4631

Inverse Universe

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



11280014



14680753



11305246



5721685



9830519



1507346

Previews

White Background



This preview shows how the Decimal color 2002604 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



This preview shows how the Decimal color 2002604 looks on a 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 2002604 Background



This preview shows how black text looks on a background with the Decimal color 2002604.

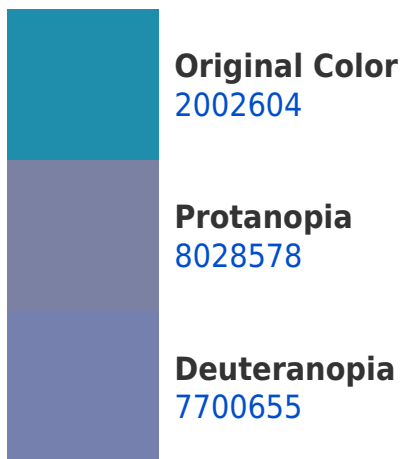


This preview shows how white text looks on a background with the Decimal color 2002604.

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





Tritanopia
37276

Trichromacy



Original Color
2002604



Protanomaly
5867174



Deuteranomaly
5604782



Tritanomaly
757922

Monochromacy



Original Color
2002604



Achromatopsia
7368816



Achromatomaly
5405574

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2002604 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 #1E8EAC looks like.

```
.text, #text, p{  
    color:#1E8EAC  
}
```

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 #1E8EAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8EAC
}
```

Border

The CSS property to change the border of an element to Decimal 2002604 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
#1E8EAC }
```

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

```
.border{ border-color:#1E8EAC }
```

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

Here you see how a box with a 4 pixel #1E8EAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8EAC; -webkit-box-shadow:4px 4px  
4px 4px #1E8EAC; box-shadow:4px 4px 4px  
4px #1E8EAC }
```

Background

The CSS property to change the background color of an element to Decimal 2002604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8EAC }
```

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

```
.background{ background-color:#1E8EAC }
```

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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