

Converting Colors

Decimal(1995140)

Have a look what the booklet for
Decimal(1995140) contains.

Decimal(1995140)	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(1995140)

Conversions

Conversions Part 1

Format	Color
Hex	1E7184
RGB	30, 113, 132
RGB Percent	12%, 44%, 52%
CMY	0.8824, 0.5569, 0.4824
CMYK	0.77, 0.14, 0.00, 0.48
HSL	191°, 63%, 32%
HSV	191°, 77%, 52%
XYZ	10.6054, 13.7522, 23.9253
YIQ	90.3490, -55.5670, -11.6870

Conversions

Conversions Part 2

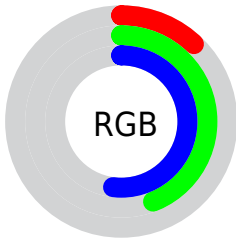
Format	Color
RYB	30, 76, 132
Decimal	1995140
CIELab	43.88, -17.37, -17.45
CIELCh	44, 24.625, 225.137
Yxy	13.7522, 0.2197, 0.2848
Android (android.graphics.Color)	4280185220 (0xFF1E7184)
YUV	90.3490, 20.5339, -52.9261
Hunter-Lab	37.0840, -13.8489, -12.2930

Details

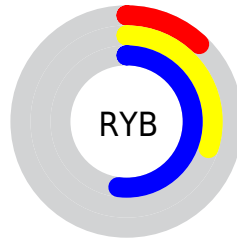
The Decimal color **1995140** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8663326**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **6006201**, and **16723** is the 20% darker color. If you saturate the color by 10%, you get **1142660**, and if you desaturate by 10%, it is **2847620**.

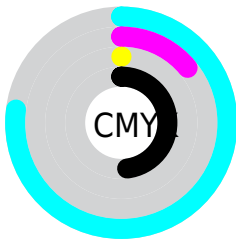
Distribution



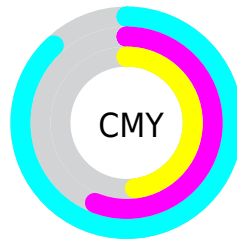
- Red (12%)
- Green (44%)
- Blue (52%)



- Red (12%)
- Yellow (30%)
- Blue (52%)



- Cyan (77%)
- Magenta (14%)
- Yellow (0%)
- Black (48%)



- Cyan (88%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1995140 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 1995140 by changing the saturation by 10% instead.

1995140

1995140

16777215

22635

6006201

16723

7848149

11067

9690353

5926

11598335

272

13500415

0

15400959

1995140

1995140

1142660

2847620

■ 289924

■ 3700356

■ 27524

■ 4618372

■ 5471108

■ 6323588

■ 7176324

■ 8028804

■ 8947076

■ 9799556

Harmonies

Analogous

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



2257778



1995140



3829135

Triad

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



1995140



9001331



7039552

Complementary

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



1995140



8663326

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.



8282944



1995140



9459806

Square

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



1995140



7823237



9198668



5533514

Rectangle

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



1995140



5335184



9198668



7497791

Sweetspot

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



1995140



8692907



1999921



4084311



14079702



5723991

Same Dimension

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



1995140



822699



1982084



3948866



27266



515

Inverse Universe

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



8658545



11209869



8676382



4340801



8519786



196610

Previews

White Background



This preview shows how the Decimal color 1995140 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 × Fail

Black Background



This preview shows how the Decimal color 1995140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

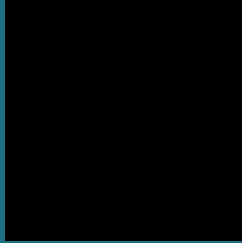
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 1995140 Background



This preview shows how black text looks on a background with the Decimal color 1995140.

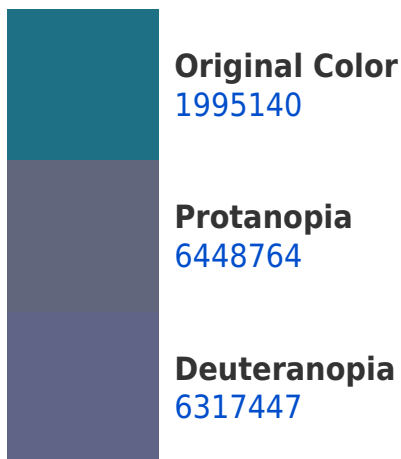


This preview shows how white text looks on a background with the Decimal color 1995140.

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
1471100

Trichromacy



Original Color
1995140

Protanomaly
4811391

Deuteranomaly
4745606

Tritanomaly
1667711

Monochromacy



Original Color
1995140

Achromatopsia
5921370

Achromatomaly
4481641

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1995140 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 #1E7184 looks like.

```
.text, #text, p{  
  color:#1E7184  
}
```

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 #1E7184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7184
}
```

Border

The CSS property to change the border of an element to Decimal 1995140 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
#1E7184 }
```

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

```
.border{ border-color:#1E7184 }
```

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

Here you see how a box with a 4 pixel #1E7184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7184; -webkit-box-shadow:4px 4px  
4px 4px #1E7184; box-shadow:4px 4px 4px  
4px #1E7184 }
```

Background

The CSS property to change the background color of an element to Decimal 1995140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7184 }
```

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

```
.background{ background-color:#1E7184 }
```

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