

Converting Colors

Decimal(953714)

Have a look what the booklet for
Decimal(953714) contains.

Decimal(953714)	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(953714)

Conversions

Conversions Part 1

Format	Color
Hex	0E8D72
RGB	14, 141, 114
RGB Percent	5%, 55%, 45%
CMY	0.9451, 0.4471, 0.5529
CMYK	0.90, 0.00, 0.19, 0.45
HSL	167°, 82%, 30%
HSV	167°, 90%, 55%
XYZ	12.7432, 20.3580, 19.1774
YIQ	99.9490, -67.0250, -35.3210

Conversions

Conversions Part 2

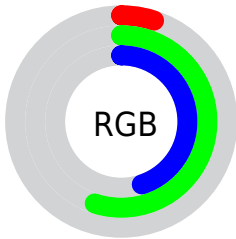
Format	Color
R_{YB}	14, 85, 141
Decimal	953714
CIE Lab	52.24, -38.23, 5.55
CIE LCh	52, 38.628, 171.746
Yxy	20.3580, 0.2438, 0.3894
Android (android.graphics.Color)	4279143794 (0xFF0E8D72)
YUV	99.9490, 6.9271, -75.3773
Hunter-Lab	45.1199, -28.5458, 6.3837

Details

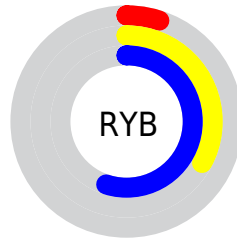
The Decimal color **953714** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9244201**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **5751718**, and **23106** is the 20% darker color. If you saturate the color by 10%, you get **36207**, and if you desaturate by 10%, it is **1871221**.

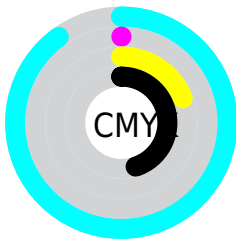
Distribution



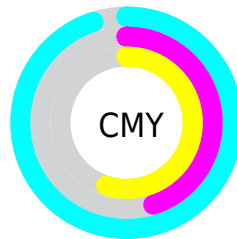
- Red (5%)
- Green (55%)
- Blue (45%)



- Red (5%)
- Yellow (33%)
- Blue (55%)



- Cyan (90%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (95%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 953714 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 953714 by changing the saturation by 10% instead.


 953714  953714



16777215  29530

 5751718  23106

 7725249  16684


 9567709  11031

 11468793  3840

 13369343  0

 15335423

 953714  953714

 36207  1871221

■ 2788728

■ 3706235

■ 4623742

■ 5606785

■ 6524292

■ 7441799

■ 8359306

■ 9276813

Harmonies

Analogous

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



5409106



953714



36244

Triad

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



953714



7436218



11562058

Complementary

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



953714



9244201

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.



12280422



953714



10316710

Square

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



953714



2720702



11887239



9992250

Rectangle

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



953714



36008



11887239



11888722

Sweetspot

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



953714



8829101



2788622



4086870



14408667



6052956

Same Dimension

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



953714



47249



944525



4212550



34666



2054

Inverse Universe

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



9244201



12058663



9253390



4669506



8847389



524290

Previews

White Background



This preview shows how the Decimal color 953714 looks on a white background.

Color Contrast Check

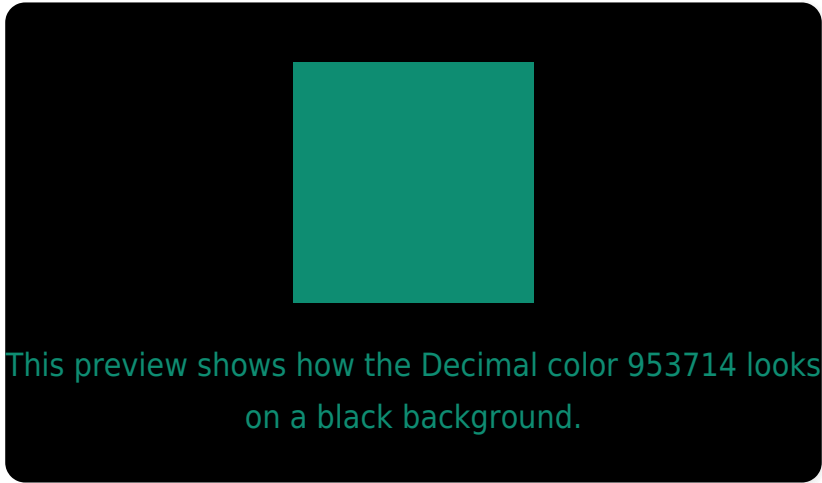
Large Text (above 18pt) WCAG AA ✓ Pass

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

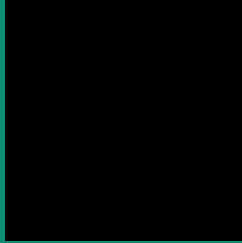
Any Text WCAG AA ✓ Pass

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 953714 Background



This preview shows how black text looks on a background with the Decimal color 953714.

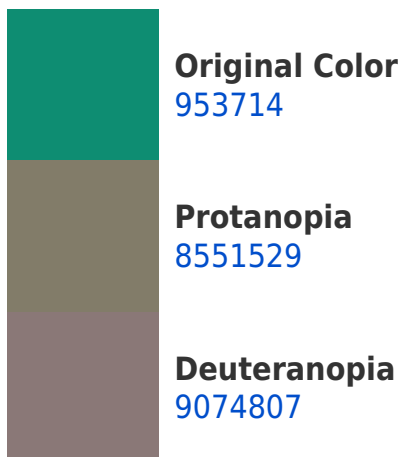



This preview shows how white text looks on a background with the Decimal color 953714.

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
2918547

Trichromacy



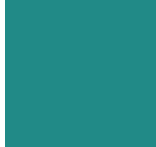
Original Color
953714



Protanomaly
5800556



Deuteranomaly
6127733



Tritanomaly
2198151

Monochromacy



Original Color
953714



Achromatopsia
6579300



Achromatomaly
4551529

CSS Examples

Text

The CSS property to change the color of the text to Decimal 953714 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 #0E8D72 looks like.

```
.text, #text, p{  
    color:#0E8D72  
}
```

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 #0E8D72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E8D72
}
```

Border

The CSS property to change the border of an element to Decimal 953714 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
#0E8D72 }
```

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

```
.border{ border-color:#0E8D72 }
```

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

Here you see how a box with a 4 pixel #0E8D72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E8D72; -webkit-box-shadow:4px 4px  
4px 4px #0E8D72; box-shadow:4px 4px 4px  
4px #0E8D72 }
```

Background

The CSS property to change the background color of an element to Decimal 953714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E8D72 }
```

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

```
.background{ background-color:#0E8D72 }
```

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