

# Converting Colors

Decimal(6662295)

Have a look what the booklet for  
Decimal(6662295) contains.

<b>Decimal(6662295)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(6662295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65A897
RGB	101, 168, 151
RGB Percent	40%, 66%, 59%
CMY	0.6039, 0.3412, 0.4078
CMYK	0.40, 0.00, 0.10, 0.34
HSL	165°, 28%, 53%
HSV	165°, 40%, 66%
XYZ	24.9554, 33.0063, 34.3337
YIQ	146.0290, -34.4750, -19.4910

# Conversions

## Conversions Part 2

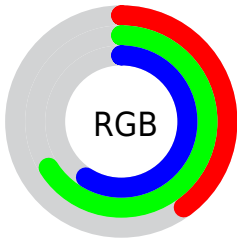
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 139, 168</a>
Decimal	<a href="#">6662295</a>
CIELab	<a href="#">64.17, -25.37, 2.09</a>
CIElCh	<a href="#">64, 25.461, 175.295</a>
Yxy	<a href="#">33.0063, 0.2704, 0.3576</a>
Android (android.graphics.Color)	<a href="#">4284852375 (0xFF65A897)</a>
YUV	<a href="#">146.0290, 2.4507, -39.4904</a>
Hunter-Lab	<a href="#">57.4511, -23.0034, 4.7831</a>

# Details

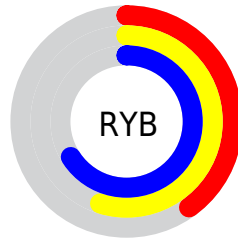
The Decimal color **6662295** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11036022**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **10215373**, and **3175524** is the 20% darker color. If you saturate the color by 10%, you get **5548179**, and if you desaturate by 10%, it is **7776411**.

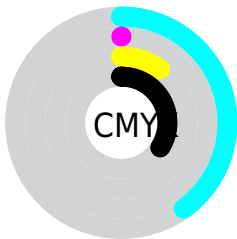
# Distribution



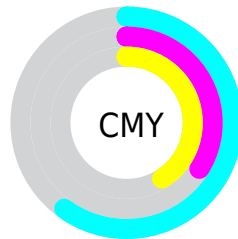
- Red (40%)
- Green (66%)
- Blue (59%)



- Red (40%)
- Yellow (55%)
- Blue (66%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)



- Cyan (60%)
- Magenta (34%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6662295 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 6662295 by changing the saturation by 10% instead.





6662295



6662295

16777215



4951421



10215373



3175524



12057833



1203020



13893631



17206



15794175



11296



5897



0



6662295



6662295



5548179



7776411

■ 4434062

■ 8890528

■ 3385482

■ 9939108

■ 2271366

■ 11053224

■ 1157250

■ 12167340

■ 43133

■ 13281457

■ 14395573

■ 15444153

■ 16558269

# Harmonies

## Analogous

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



8299905



6662295



5744814

# Triad

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



6662295



10131396



12685687

# Complementary

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



6662295



11036022

# 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.



13208713



6662295



11898806

# Square

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



6662295



8036296



13011872



11508078

# Rectangle

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



6662295



5875387



13011872



12947324



# Sweetspot

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



6662295



12704725



7841893



6188650



15592941



7237230



# Same Dimension

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



6662295



7527361



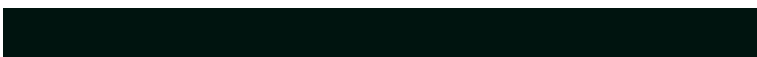
6658216



5002322



37998



5135



# Inverse Universe

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



11036022



14381709



11040101



5524558



9699366



1310725



# Previews

## White Background



This preview shows how the Decimal color 6662295 looks on a white background.

## Color Contrast Check

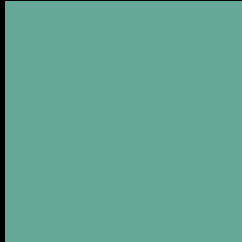
Large Text (above 18pt) WCAG AA × Fail

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 6662295 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

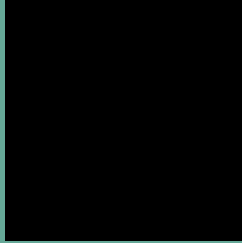
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6662295 Background



This preview shows how black text looks on a background with the Decimal color 6662295.



This preview shows how white text looks on a background with the Decimal color 6662295.

# 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](#).

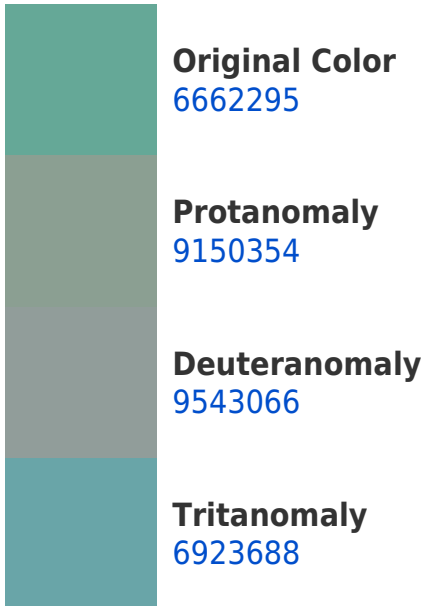
## Dichromacy





**Tritanopia**  
7120049

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6662295 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 #65A897 looks like.

```
.text, #text, p{  
    color:#65A897  
}
```

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 #65A897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A897
}
```

## Border

The CSS property to change the border of an element to Decimal 6662295 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
#65A897 }
```

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

```
.border{ border-color:#65A897 }
```

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

Here you see how a box with a 4 pixel #65A897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A897; -webkit-box-shadow:4px 4px  
4px 4px #65A897; box-shadow:4px 4px 4px  
4px #65A897 }
```

# Background

The CSS property to change the background color of an element to Decimal 6662295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A897 }
```

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

```
.background{ background-color:#65A897 }
```

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