

# Converting Colors

Decimal(6595247)

Have a look what the booklet for  
Decimal(6595247) contains.

<b>Decimal(6595247)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(6595247)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64A2AF
RGB	100, 162, 175
RGB Percent	39%, 64%, 69%
CMY	0.6078, 0.3647, 0.3137
CMYK	0.43, 0.07, 0.00, 0.31
HSL	190°, 32%, 54%
HSV	190°, 43%, 69%
XYZ	25.9137, 31.6451, 45.2998
YIQ	144.9440, -41.1250, -9.1010

# Conversions

## Conversions Part 2

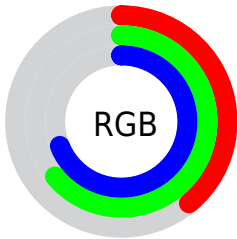
Format	Color
<a href="#">RYB</a>	<a href="#">100, 134, 175</a>
Decimal	<a href="#">6595247</a>
CIELab	<a href="#">63.05, -16.51, -13.01</a>
CIELCh	<a href="#">63, 21.024, 218.247</a>
Yxy	<a href="#">31.6451, 0.2519, 0.3077</a>
Android (android.graphics.Color)	<a href="#">4284785327</a> ( <a href="#">0xFF64A2AF</a> )
YUV	<a href="#">144.9440, 14.8176, -39.4159</a>
Hunter-Lab	<a href="#">56.2540, -16.2175, -8.3668</a>

# Details

The Decimal color **6595247** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11497828**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **10148327**, and **2977403** is the 20% darker color. If you saturate the color by 10%, you get **5480367**, and if you desaturate by 10%, it is **7775663**.

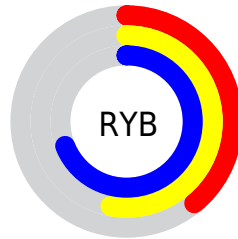
# Distribution



Red (39%)

Green (64%)

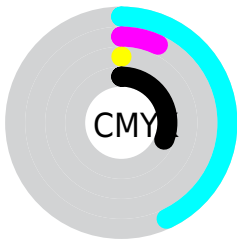
Blue (69%)



Red (39%)

Yellow (53%)

Blue (69%)

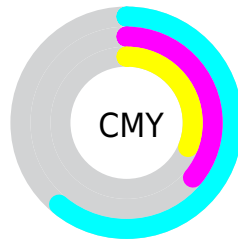


Cyan (43%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (61%)

Magenta (36%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6595247 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 6595247 by changing the saturation by 10% instead.





6595247



6595247

16777215



4819092



10148327



2977403



11990527



677474



13893631



15946



15794175



10291



5150



3



0



6595247



6595247

■ 5480367

■ 7775663

■ 4299951

■ 8890543

■ 3119535

■ 10070959

■ 2004655

■ 11185839

■ 824239

■ 12300719

■ 37295

■ 13481135

■ 14661551

■ 15776431

■ 16760239

# Harmonies

## Analogous

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



6792093



6595247



7446203

# Triad

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



6595247



11898279



10590580

# Complementary

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



6595247



11497828

# 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.



11768694



6595247



12487572

# Square

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



6595247



10654390



12422530



9215611

# Rectangle

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



6595247



8494014



12422530



11048819



# Sweetspot

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



6595247



12967651



6598513



6320243



15921906



7566195



# Same Dimension

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



6595247



7327715



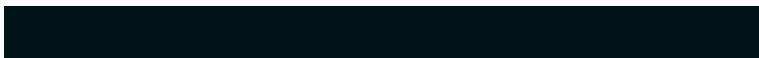
6585775



5133655



31894



4887



# Inverse Universe

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



11494562



14905295



11507300



5721685



9830524



1507347



# Previews

## White Background



This preview shows how the Decimal color 6595247 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 6595247 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

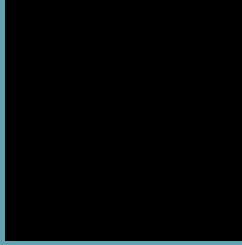
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6595247 Background



This preview shows how black text looks on a background with the Decimal color 6595247.



This preview shows how white text looks on a background with the Decimal color 6595247.

# 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**  
6595247

**Protanopia**  
9869224

**Deuteranopia**  
10130610



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6595247 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 #64A2AF looks like.

```
.text, #text, p{  
    color:#64A2AF  
}
```

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 #64A2AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A2AF  
}
```

## Border

The CSS property to change the border of an element to Decimal 6595247 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  
#64A2AF }
```

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

```
.border{ border-color:#64A2AF }
```

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

Here you see how a box with a 4 pixel #64A2AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A2AF; -webkit-box-shadow:4px 4px  
4px 4px #64A2AF; box-shadow:4px 4px 4px  
4px #64A2AF }
```

# Background

The CSS property to change the background color of an element to Decimal 6595247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A2AF }
```

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

```
.background{ background-color:#64A2AF }
```

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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