

Converting Colors

Decimal(6195110)

Have a look what the booklet for
Decimal(6195110) contains.

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Color

Decimal(6195110)

Conversions

Conversions Part 1

Format	Color
Hex	5E87A6
RGB	94, 135, 166
RGB Percent	37%, 53%, 65%
CMY	0.6314, 0.4706, 0.3490
CMYK	0.43, 0.19, 0.00, 0.35
HSL	206°, 29%, 51%
HSV	206°, 43%, 65%
XYZ	20.1630, 22.4608, 39.3491
YIQ	126.2750, -34.3870, 0.9490

Conversions

Conversions Part 2

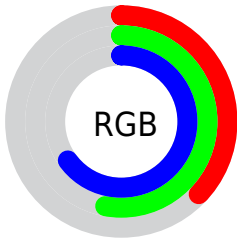
Format	Color
R_{YB}	94, 120, 166
Decimal	6195110
CIE _{Lab}	54.51, -5.73, -20.89
CIE _{LCh}	55, 21.657, 254.651
Yxy	22.4608, 0.2460, 0.2740
Android (android.graphics.Color)	4284385190 (0xFF5E87A6)
YUV	126.2750, 19.5844, -28.3052
Hunter-Lab	47.3928, -6.9957, -16.0520

Details

The Decimal color **6195110** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **10911070**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **9682141**, and **2708850** is the 20% darker color. If you saturate the color by 10%, you get **5079206**, and if you desaturate by 10%, it is **7311014**.

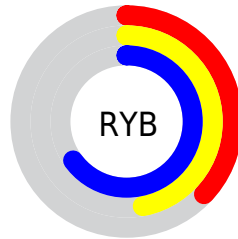
Distribution



Red (37%)

Green (53%)

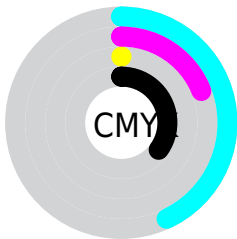
Blue (65%)



Red (37%)

Yellow (47%)

Blue (65%)

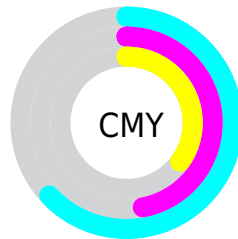


Cyan (43%)

Magenta (19%)

Yellow (0%)

Black (35%)



Cyan (63%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6195110 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 6195110 by changing the saturation by 10% instead.

■ 6195110

■ 6195110

16777215

■ 4484748

■ 9682141

■ 2708850

■ 11524346

■ 540249

■ 13366527

■ 10562

■ 15269887

■ 5164

■ 279

■ 0

■ 6195110

■ 6195110

■ 5079206

■ 7311014

■ 4028838

■ 8361382

■ 2912934

■ 9477286

■ 1862310

■ 10527910

■ 746406

■ 11643814

■ 24486

■ 12759718

■ 13810086

■ 14925990

■ 15976358

Harmonies

Analogous

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



5016476



6195110



7897510

Triad

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



6195110



11040122



7440743

Complementary

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



6195110



10911070

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.



8881246



6195110



10844265

Square

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



6195110



10647181



10059359



6065272

Rectangle

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



6195110



9010593



10059359



7964771

Sweetspot

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



6195110



12439001



6203004



6055534



15592941



7237230

Same Dimension

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



6195110



6858969



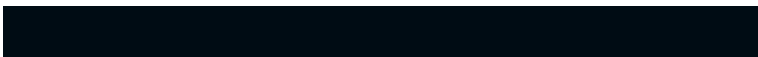
6186150



5001556



21652



3092

Inverse Universe

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



10903175



14248104



10920030



5524561



9699412



1310732

Previews

White Background



This preview shows how the Decimal color 6195110 looks on a white background.

Color Contrast Check

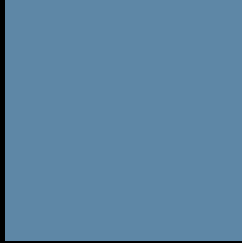
Large Text (above 18pt) WCAG AA ✓ Pass

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 6195110 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

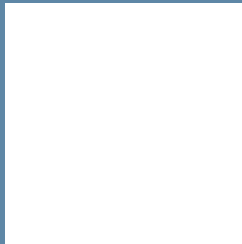
Any Text WCAG AAA × Fail

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

Decimal 6195110 Background



This preview shows how black text looks on a background with the Decimal color 6195110.

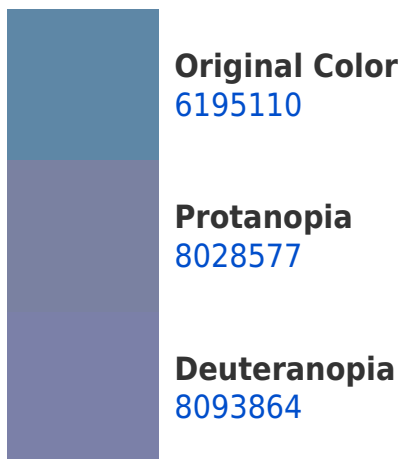



This preview shows how white text looks on a background with the Decimal color 6195110.

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
5868181

Trichromacy



Original Color
6195110

Protanomaly
7373731

Deuteranomaly
7373735

Tritanomaly
5999003

Monochromacy



Original Color
6195110

Achromatopsia
8289918

Achromatomaly
7504269

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6195110 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 #5E87A6 looks like.

```
.text, #text, p{  
    color:#5E87A6  
}
```

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 #5E87A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E87A6
}
```

Border

The CSS property to change the border of an element to Decimal 6195110 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
#5E87A6 }
```

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

```
.border{ border-color:#5E87A6 }
```

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

Here you see how a box with a 4 pixel #5E87A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E87A6; -webkit-box-shadow:4px 4px  
4px 4px #5E87A6; box-shadow:4px 4px 4px  
4px #5E87A6 }
```

Background

The CSS property to change the background color of an element to Decimal 6195110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E87A6 }
```

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

```
.background{ background-color:#5E87A6 }
```

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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