

Converting Colors

Decimal(6325956)

Have a look what the booklet for
Decimal(6325956) contains.

Decimal(6325956)	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(6325956)

Conversions

Conversions Part 1

Format	Color
Hex	6086C4
RGB	96, 134, 196
RGB Percent	38%, 53%, 77%
CMY	0.6235, 0.4745, 0.2314
CMYK	0.51, 0.32, 0.00, 0.23
HSL	217°, 46%, 57%
HSV	217°, 51%, 77%
XYZ	23.3128, 23.5225, 55.5361
YIQ	129.7060, -42.5500, 11.2260

Conversions

Conversions Part 2

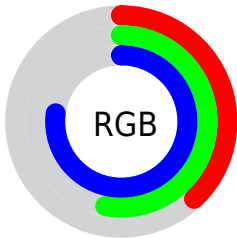
Format	Color
R_{YB}	96, 124, 196
Decimal	6325956
CIE _{Lab}	55.61, 4.34, -36.34
CIE _{LCh}	56, 36.595, 276.803
Yxy	23.5225, 0.2277, 0.2298
Android (android.graphics.Color)	4284516036 (0xFF6086C4)
YUV	129.7060, 32.6829, -29.5602
Hunter-Lab	48.5000, 0.9256, -33.9415

Details

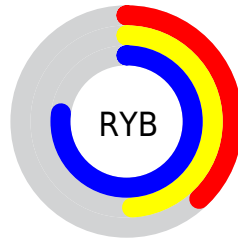
The Decimal color **6325956** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **12885600**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **10009597**, and **2446734** is the 20% darker color. If you saturate the color by 10%, you get **5012164**, and if you desaturate by 10%, it is **7639748**.

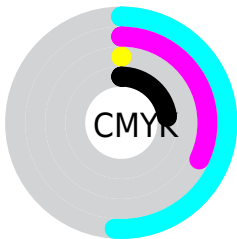
Distribution



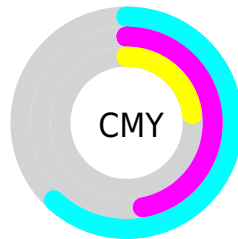
- Red (38%)
- Green (53%)
- Blue (77%)



- Red (38%)
- Yellow (49%)
- Blue (77%)



- Cyan (51%)
- Magenta (32%)
- Yellow (0%)
- Black (23%)



- Cyan (62%)
- Magenta (47%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6325956 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 6325956 by changing the saturation by 10% instead.



6325956



6325956

16777215



4484521



10009597



2446734



11851775



15988



13759487



10587



15663103



5187



813



279



0



6325956



6325956

■ 5012164

■ 7639748

■ 3763908

■ 8888004

■ 2450116

■ 10201796

■ 1201604

■ 11450308

■ 19140

■ 12764100

■ 14077892

■ 15326148

■ 16639940

■ 16774084

Harmonies

Analogous

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



692159



6325956



9599672

Triad

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



6325956



12546145



4691051

Complementary

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



6325956



12885600

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.



7376465



6325956



11369291

Square

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



6325956



12675967



9602629



38540

Rectangle

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



6325956



11170728



9602629



5673569

Sweetspot

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



6325956



14280703



6341790



6910336



0



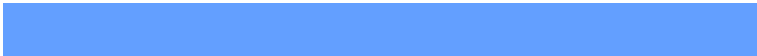
8421504

Same Dimension

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



6325956



6529023



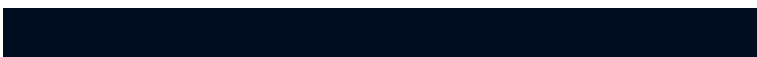
7102660



5725025



15777



3361

Inverse Universe

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



12869766



16737183



12108896



6379355



10551357



2162701

Previews

White Background



This preview shows how the Decimal color 6325956 looks on a white background.

Color Contrast Check

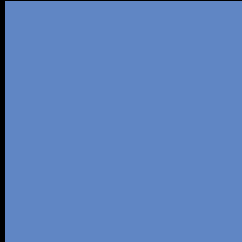
Large Text (above 18pt) WCAG AA ✓ Pass

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 6325956 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

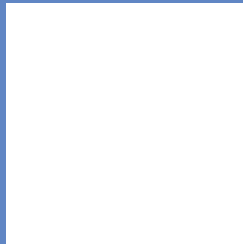
Any Text WCAG AAA × Fail

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

Decimal 6325956 Background



This preview shows how black text looks on a background with the Decimal color 6325956.



This preview shows how white text looks on a background with the Decimal color 6325956.

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
6325956

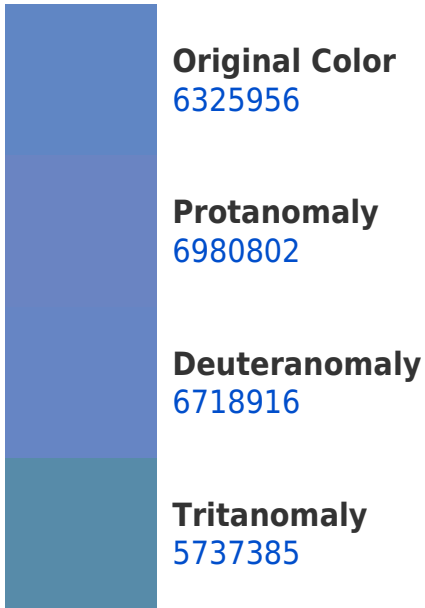
Protanopia
7373761

Deuteranopia
6915268



Tritanopia
5410458

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6325956 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 #6086C4 looks like.

```
.text, #text, p{  
    color:#6086C4  
}
```

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 #6086C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6086C4
}
```

Border

The CSS property to change the border of an element to Decimal 6325956 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
#6086C4 }
```

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

```
.border{ border-color:#6086C4 }
```

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

Here you see how a box with a 4 pixel #6086C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6086C4; -webkit-box-shadow:4px 4px  
4px 4px #6086C4; box-shadow:4px 4px 4px  
4px #6086C4 }
```

Background

The CSS property to change the background color of an element to Decimal 6325956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6086C4 }
```

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

```
.background{ background-color:#6086C4 }
```

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