

Converting Colors

Hex(E3A104)

Have a look what the booklet for
Hex(E3A104) contains.

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Color

Hex(E3A104)

Conversions

Conversions Part 1

Format	Color
Hex	E3A104
RGB	227, 161, 4
RGB Percent	89%, 63%, 2%
CMY	0.1098, 0.3686, 0.9843
CMYK	0.00, 0.29, 0.98, 0.11
HSL	42°, 97%, 45%
HSV	42°, 98%, 89%
XYZ	44.4453, 41.8294, 5.8462
YIQ	162.8360, 89.7330, -34.8350

Conversions

Conversions Part 2

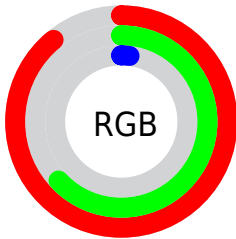
Format	Color
RYB	98, 227, 4
Decimal	14917892
CIELab	70.75, 14.15, 74.12
CIELCh	71, 75.462, 79.189
Yxy	41.8294, 0.4825, 0.4541
Android (android.graphics.Color)	4293107972 (0xFFE3A104)
YUV	162.8360, -78.3061, 56.2718
Hunter-Lab	64.6757, 9.4834, 39.9136

Details

The Hex color **E3A104** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **0446E3**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD84F**, and **A66E00** is the 20% darker color. If you saturate the color by 10%, you get **E3A000**, and if you desaturate by 10%, it is **E3A81B**.

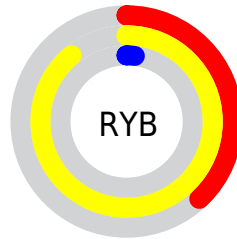
Distribution



Red (89%)

Green (63%)

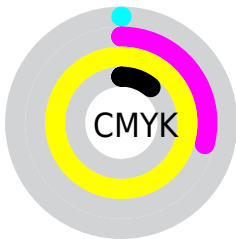
Blue (2%)



Red (38%)

Yellow (89%)

Blue (2%)

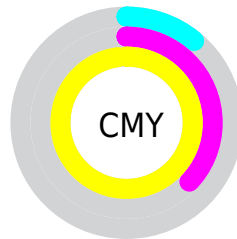


Cyan (0%)

Magenta (29%)

Yellow (98%)

Black (11%)



Cyan (11%)

Magenta (37%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3A104 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 Hex color E3A104 by changing the saturation by 10% instead.

 E3A104

 E3A104

FFFFFF

 C48700

 FFD84F

 A66E00

 FFF46B

 885600

 FFFF87

 6B3E00

 FFFFA3

 4F2900

 FFFFC0

 341400

 FFFFDD

 1D0000

 FFFFFA

 000000

 E3A104

 E3A104

 E3A000

 E3A81B

 E3AE31

 E3B548

 E3BC5F

 E3C375

 E3C98C

 E3D0A3

 E3D7BA

 E3DDD0

Harmonies

Analogous

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



FF8446



E3A104



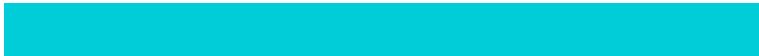
A4B706

Triad

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



E3A104



00CDD8



E786FF

Complementary

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



E3A104



0446E3

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.



78A5FF



E3A104



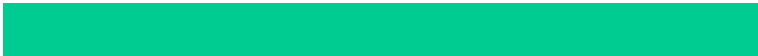
00C9FF

Square

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



E3A104



00CB91



00BCFF



FF6BC9

Rectangle

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



E3A104



70C137



00BCFF



CA91FF

Sweetspot

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



E3A104



FFE9B5



E30447



807253



000000



808080

Same Dimension

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



E3A104



FFB400



B6E304



736F67



B37E00



332400

Inverse Universe

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



0446E3



004BFF



3104E3



676B73



0035B3



000F33

Previews

White Background



This preview shows how the Hex color E3A104 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 Hex color E3A104 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](#).

Hex E3A104 Background



This preview shows how black text looks on a background with the Hex color E3A104.



This preview shows how white text looks on a background with the Hex color E3A104.

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
E3A104

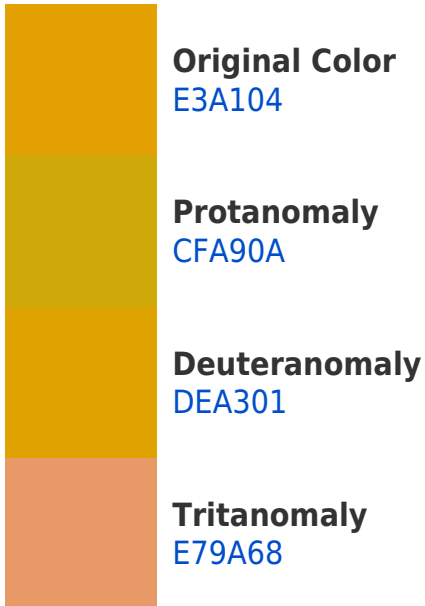
Protanopia
C4AE0E

Deuteranopia
DBA400

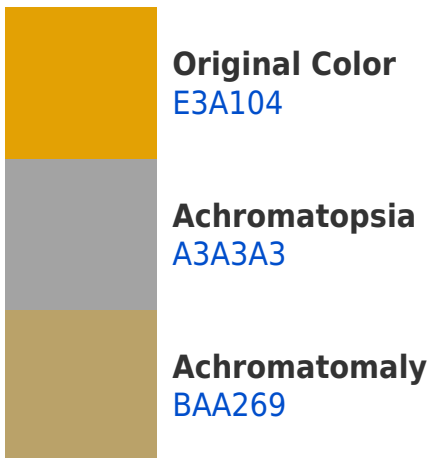


Tritanopia
EA96A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3A104 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 #E3A104 looks like.

```
.text, #text, p{  
    color:#E3A104  
}
```

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 #E3A104 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3A104
}
```

Border

The CSS property to change the border of an element to Hex E3A104 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
#E3A104 }
```

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

```
.border{ border-color:#E3A104 }
```

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

Here you see how a box with a 4 pixel #E3A104 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3A104; -webkit-box-shadow:4px 4px  
4px 4px #E3A104; box-shadow:4px 4px 4px  
4px #E3A104 }
```

Background

The CSS property to change the background color of an element to Hex E3A104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3A104 }
```

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

```
.background{ background-color:#E3A104 }
```

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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