

Converting Colors

HunterLab(47.2775, -43.5796,
-60.1988)

Have a look what the booklet for
HunterLab(47.2775, -43.5796,
-60.1988) contains.

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Color

**HunterLab(55.2480,
-12.5991, -41.8574)**

Conversions

Conversions Part 1

Format	Color
Hex	00A0E0
RGB	0, 160, 224
RGB Percent	0%, 63%, 88%
CMY	0.9998, 0.3725, 0.1216
CMYK	1.00, 0.29, 0.00, 0.12
HSL	197°, 100%, 44%
HSV	197°, 100%, 88%
XYZ	26.0253, 30.5234, 75.0409
YIQ	119.4560, -115.9040, -14.0160

Conversions

Conversions Part 2

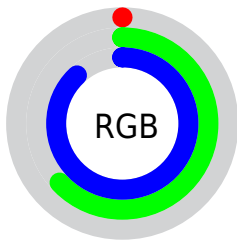
Format	Color
RYB	0, 93, 224
Decimal	41184
CIELab	62.10, -11.97, -42.00
CIELCh	62, 43.673, 254.092
Yxy	30.5244, 0.1978, 0.2320
Android (android.graphics.Color)	4278231264 (0xFF00A0E0)
YUV	119.4560, 51.5402, -104.7629
Hunter-Lab	55.2480, -12.5991, -41.8574

Details

The HunterLab color **55.2480, -12.5991, -41.8574** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **44.1821, 54.2978, 28.1732**, and the grayscale version is **42.9730, -2.2929, 2.3348**.

A 20% lighter version of the original color is **76.6969, -22.0972, -26.2624**, and **37.1004, -4.6093, -36.4222** is the 20% darker color. If you saturate the color by 10%, you get **55.2435, -12.5921, -41.8668**, and if you desaturate by 10%, it is **57.4255, -14.9979, -37.6885**.

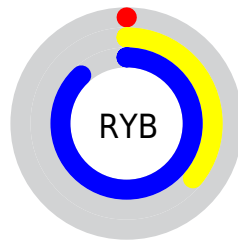
Distribution



Red (0%)

Green (63%)

Blue (88%)



Red (0%)

Yellow (36%)

Blue (88%)

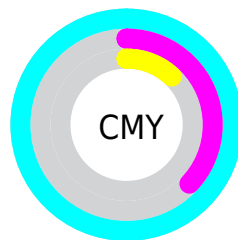


Cyan (100%)

Magenta (29%)

Yellow (0%)

Black (12%)



Cyan (100%)

Magenta (37%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.2480, -12.5991, -41.8574 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 HunterLab color 55.2480, -12.5991, -41.8574 by changing the saturation by 10% instead.

■ 55.2480, -12.5991,
-41.8574

■ 55.2480, -12.5991,
-41.8574

174.4538,
-23.7458, -46.9019

■ 44.9855, -11.3640,
-41.1903

■ 77.7757, -15.0460,
-43.2248

■ 35.4506, -10.1120,
-40.6092

■ 89.9655, -16.2690,
-43.8772

■ 26.7046, -8.8290,
-40.2389

■ 102.7331,
-17.4957, -44.4926

■ 18.8265, -7.4928,
-40.3630

■ 116.0533,
-18.7284, -45.0657

■ 11.9252, -6.0616,
-41.7352

■ 129.9041,
-19.9686, -45.5939

■ 4.8263, -8.4461,
-62.2388

144.2659,

0.0000, NaN, -NF

-21.2176, -46.0760

0.0000, NaN, -NF

159.1211,
-22.4765, -46.5119

0.0000, NaN, NaN

■ 55.2480, -12.5991,
-41.8574

■ 55.2480, -12.5991,
-41.8574

■ 55.2435, -12.5921,
-41.8668

■ 57.4255, -14.9979,
-37.6885

■ 59.7903, -16.7517,
-33.3823

■ 62.3756, -17.7305,
-28.9079

■ 65.1852, -17.9192,
-24.2907

■ 68.2156, -17.3373,
-19.5637

■ 71.4591, -16.0256,
-14.7600

■ 74.9056, -14.0371,
-9.9092

■ 78.5437, -11.4302,
-5.0363

■ 82.3615, -8.2644,
-0.1607

Harmonies

Analogous

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



55.2489, -26.7859, -26.9971



55.2480, -12.5991, -41.8574



55.2489, 6.2144, -42.3473

Triad

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



55.2489, -12.5984, -41.8563



55.2489, 37.0691, 10.8068



55.2489, -26.1114, 22.5763

Complementary

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



55.2480, -12.5991, -41.8574



44.1821, 54.2978, 28.1732

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.



55.2489, -11.5552, 27.1878



55.2480, -12.5991, -41.8574



55.2489, 25.7664, 22.1143

Square

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



55.2489, -12.5984, -41.8563



55.2489, 36.6901, -7.3748



55.2489, 7.4077, 27.0535



55.2489, -33.8384, 11.6985

Rectangle

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



55.2480, -12.5991, -41.8574



55.2489, 19.0194, -34.1399



55.2489, 7.4077, 27.0535



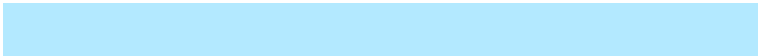
55.2489, -21.9475, 24.7179

Sweetspot

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



55.2489, -12.5984, -41.8563



86.6603, -16.3227, -11.6135



73.2644, -61.0465, 40.2104



39.2969, -8.0430, -6.4788

0.0000, NaN, NaN



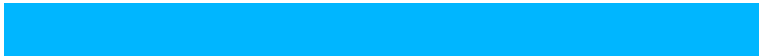
46.2646, -2.4686, 2.5136

Same Dimension

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



55.2489, -12.5984, -41.8563



63.8180, -14.3351, -48.8217



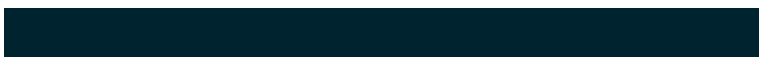
27.4658, 46.4050, -134.4975



38.5691, -3.7754, 0.0454



42.3901, -9.9674, -31.4672



11.8153, -3.5709, -7.0596

Inverse Universe

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



42.8798, 79.3447, -18.1752



49.6413, 91.8261, -20.7430



68.3334, 1.0073, 42.1229



37.2362, 2.5206, -0.0451



32.7445, 60.6500, -14.2979



8.7085, 16.2802, -4.9660

Previews

White Background



This preview shows how the HunterLab color 55.2480, -12.5991, -41.8574 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 HunterLab color 55.2480, -12.5991, -41.8574 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

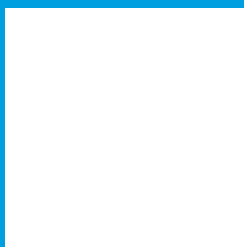
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.2480, -12.5991, -41.8574 Background



This preview shows how black text looks on a background with the HunterLab color 55.2480, -12.5991, -41.8574.



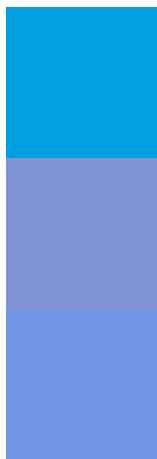
This preview shows how white text looks on a background with the HunterLab color 55.2480,

-12.5991, -41.8574.

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

55.2480, -12.5991, -41.8574

Protanopia

55.0098, 5.4471, -33.8568

Deuteranopia

55.2138, 4.5478, -43.9360



Tritanopia

55.2148, -26.5638, -11.6700

Trichromacy



Original Color

55.2480, -12.5991, -41.8574

Protanomaly

54.0514, -4.9429, -38.7882

Deuteranomaly

54.4179, -4.3140, -44.9369

Tritanomaly

55.2187, -21.8763, -21.7939

Monochromacy



Original Color

55.2480, -12.5991, -41.8574

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

45.8487, -11.7477, -13.2037

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.2480, -12.5991, -41.8574 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 `rgb(0, 160, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 224)  
}
```

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 rgb(0, 160, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 55.2480, -12.5991, -41.8574 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 rgb(0, 160, 224) }
```


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

```
.border{ border-color:rgb(0, 160, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.2480, -12.5991, -41.8574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 224) }
```

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

```
.background{ background-color: rgb(0, 160,  
224) }
```

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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