

Converting Colors

HunterLab(23.5122, -6.6030,
-2.0929)

Have a look what the booklet for
HunterLab(23.5122, -6.6030,
-2.0929) contains.

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Color

**HunterLab(23.5771, -6.6497,
-1.8802)**

Conversions

Conversions Part 1

Format	Color
Hex	2D474A
RGB	45, 71, 74
RGB Percent	18%, 28%, 29%
CMY	0.8235, 0.7216, 0.7098
CMYK	0.39, 0.04, 0.00, 0.71
HSL	186°, 24%, 23%
HSV	186°, 39%, 29%
XYZ	4.5715, 5.5588, 7.3106
YIQ	63.5680, -16.4590, -4.5790

Conversions

Conversions Part 2

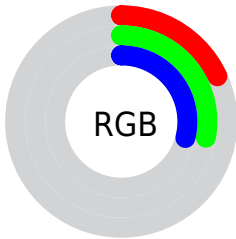
Format	Color
RYB	45, 59, 74
Decimal	2967370
CIELab	28.27, -8.99, -4.96
CIELCh	28, 10.266, 208.883
Yxy	5.5590, 0.2621, 0.3187
Android (android.graphics.Color)	4281157450 (0xFF2D474A)
YUV	63.5680, 5.1430, -16.2841
Hunter-Lab	23.5771, -6.6497, -1.8802

Details

The HunterLab color **23.5771, -6.6497, -1.8802** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19.3889, 6.1605, 4.4631**, and the grayscale version is **22.4797, -1.1995, 1.2214**.

A 20% lighter version of the original color is **41.1084, -8.6065, -1.8466**, and **9.6138, -4.7629, -1.7346** is the 20% darker color. If you saturate the color by 10%, you get **23.0410, -7.5848, -2.6062**, and if you desaturate by 10%, it is **24.1657, -5.5400, -1.1014**.

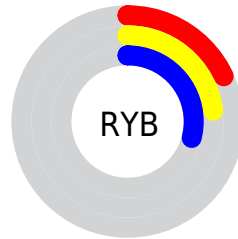
Distribution



Red (18%)

Green (28%)

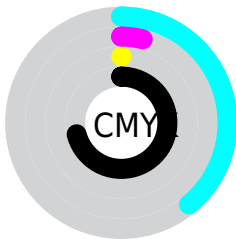
Blue (29%)



Red (18%)

Yellow (23%)

Blue (29%)

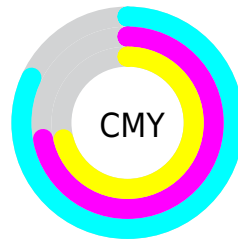


Cyan (39%)

Magenta (4%)

Yellow (0%)

Black (71%)



Cyan (82%)

Magenta (72%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5771, -6.6497, -1.8802 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 23.5771, -6.6497, -1.8802 by changing the saturation by 10% instead.

■ 23.5771, -6.6497,
-1.8802

■ 23.5771, -6.6497,
-1.8802

■ 124.5342,
-16.3438, 1.5013

■ 16.0588, -5.5347,
-1.9609

■ 41.2421, -8.7951,
-1.4915

■ 9.5710, -4.6096,
-1.9459

■ 51.2326, -9.8543,
-1.2041

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 61.9204, -10.9148,
-0.8634

0.0000, NaN, NaN

■ 73.2628, -11.9806,
-0.4741

0.0000, NaN, NaN

■ 85.2239, -13.0547,
-0.0402

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.7732, -14.1391,

110.8843,
-15.2351, 0.9499

■ 23.5771, -6.6497,
-1.8802

■ 23.5771, -6.6497,
-1.8802

■ 23.0410, -7.5848,
-2.6062

■ 24.1657, -5.5400,
-1.1014

■ 22.5564, -8.3373,
-3.2762

■ 24.8047, -4.2646,
-0.2759

■ 22.1232, -8.9032,
-3.8865

■ 25.4934, -2.8351,
0.5918

■ 21.7403, -9.2826,
-4.4349

■ 26.2302, -1.2636,
1.4965

■ 21.4037, -9.4871,
-4.9237

■ 27.0134, 0.4374,
2.4335

■ 21.0779, -9.6529,
-5.4048

■ 27.8411, 2.2556,
3.3981

■ 21.0513, -9.6668,
-5.4444

■ 28.7113, 4.1791,
4.3862

■ 29.6222, 6.1968,
5.3942

■ 30.5716, 8.2982,
6.4187

Harmonies

Analogous

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



23.5776, -7.3729, 1.4028



23.5771, -6.6497, -1.8802



23.5776, -4.5037, -4.6028

Triad

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



23.5776, -6.6499, -1.8798



23.5776, 4.5260, -2.1160



23.5776, -1.1333, 6.6348

Complementary

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



23.5771, -6.6497, -1.8802



19.3889, 6.1605, 4.4631

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.



23.5776, 2.1706, 5.9588



23.5771, -6.6497, -1.8802



23.5776, 5.5486, 1.1634

Square

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



23.5776, -6.6499, -1.8798



23.5776, 1.9407, -4.7520



23.5776, 4.6639, 4.0612



23.5776, -4.2973, 6.0523

Rectangle

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



23.5771, -6.6497, -1.8802



23.5776, -2.4912, -5.5728



23.5776, 4.6639, 4.0612



23.5776, -0.0016, 6.5491

Sweetspot

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



23.5776, -6.6499, -1.8798



33.3405, -4.3824, 0.3995



23.8079, -11.2048, 7.5369



16.7206, -2.2434, 0.1748



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



23.5776, -6.6499, -1.8798



30.4328, -9.9713, -3.4074



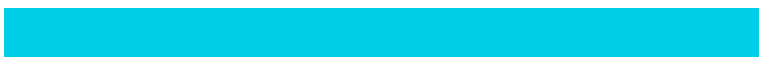
19.8477, -0.9019, -7.1391



13.6596, -1.4780, 0.3397



29.1870, -13.2941, -7.7830



70.5086, -31.6762, -19.7499

Inverse Universe

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



19.4620, 10.8820, -5.9784



23.8975, 18.3729, -10.1817



22.6591, 0.0677, 7.4672



13.1314, 0.6770, -0.1206



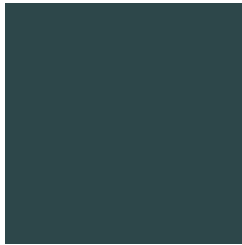
18.9418, 36.4672, -18.9904



46.0274, 88.4799, -45.1145

Previews

White Background



This preview shows how the HunterLab color 23.5771, -6.6497, -1.8802 looks on a white background.

Color Contrast Check

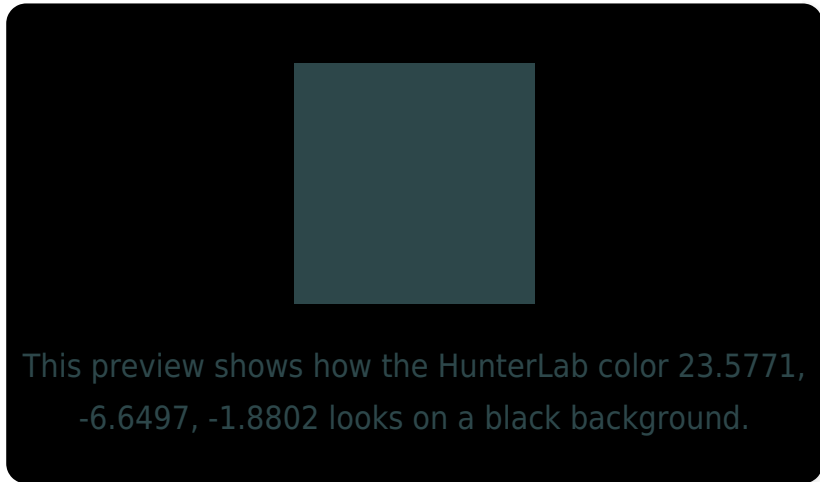
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

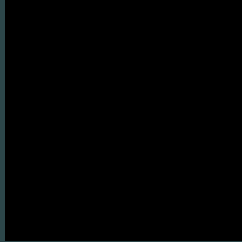
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

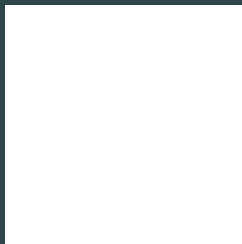
Any Text WCAG AAA × Fail

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

HunterLab 23.5771, -6.6497, -1.8802 Background



This preview shows how black text looks on a background with the HunterLab color 23.5771, -6.6497, -1.8802.



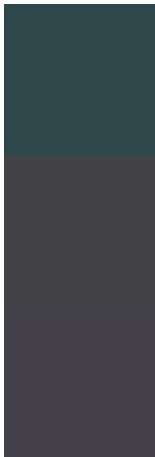
This preview shows how white text looks on a background with the HunterLab color 23.5771, -6.6497, -1.8802.

-1.8802.

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

23.5771, -6.6497, -1.8802

Protanopia

23.4726, -0.5268, -0.6032

Deuteranopia

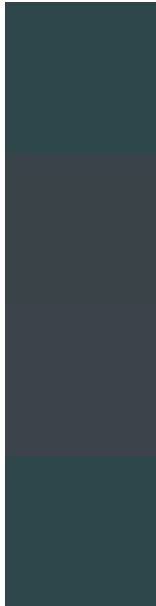
23.5665, 1.2849, -2.2030



Tritanopia

23.6836, -6.1401, -2.6309

Trichromacy



Original Color

23.5771, -6.6497, -1.8802

Protanomaly

23.4556, -3.1357, -1.0990

Deuteranomaly

23.4157, -1.7901, -2.4576

Tritanomaly

23.6544, -6.3060, -2.2195

Monochromacy



Original Color

23.5771, -6.6497, -1.8802

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.0250, -3.5637, 0.0431

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5771, -6.6497, -1.8802 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(45, 71, 74)` looks like.

```
.text, #text, p{  
    color:rgb(45, 71, 74)  
}
```

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(45, 71, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 71, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5771, -6.6497, -1.8802 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(45, 71, 74) }
```


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

```
.border{ border-color:rgb(45, 71, 74) }
```

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

Here you see how a box with a 4 pixel rgb(45, 71, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 71, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 71, 74);  
box-shadow:4px 4px 4px 4px rgb(45, 71, 74)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5771, -6.6497, -1.8802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 71, 74) }
```

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

```
.background{ background-color: rgb(45, 71,  
74) }
```

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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