

Converting Colors

HunterLab(51.0864, -23.6906,
4.3414)

Have a look what the booklet for
HunterLab(51.0864, -23.6906,
4.3414) contains.

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Color

**HunterLab(51.0975,
-23.6588, 4.4751)**

Conversions

Conversions Part 1

Format	Color
Hex	4D9987
RGB	77, 153, 135
RGB Percent	30%, 60%, 53%
CMY	0.6980, 0.4000, 0.4706
CMYK	0.50, 0.00, 0.12, 0.40
HSL	166°, 33%, 45%
HSV	166°, 50%, 60%
XYZ	18.8250, 26.1095, 26.9692
YIQ	128.2240, -39.5180, -21.7100

Conversions

Conversions Part 2

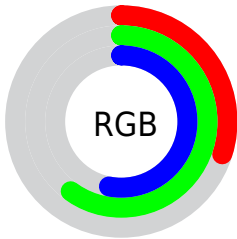
Format	Color
RYB	77, 120, 153
Decimal	5085575
CIELab	58.14, -28.12, 2.23
CIElCh	58, 28.208, 175.472
Yxy	26.1106, 0.2618, 0.3631
Android (android.graphics.Color)	4283275655 (0xFF4D9987)
YUV	128.2240, 3.3406, -44.9234
Hunter-Lab	51.0975, -23.6588, 4.4751

Details

The HunterLab color **51.0975, -23.6588, 4.4751** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **35.9264, 25.8524, 4.7214**, and the grayscale version is **46.5482, -2.4837, 2.5291**.

A 20% lighter version of the original color is **73.1901, -28.1065, 6.0661**, and **31.7528, -18.8894, 3.1876** is the 20% darker color. If you saturate the color by 10%, you get **50.4449, -26.4180, 5.2258**, and if you desaturate by 10%, it is **51.8917, -20.4016, 3.8734**.

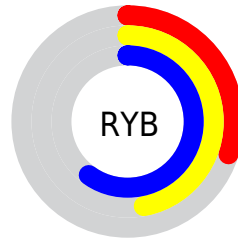
Distribution



Red (30%)

Green (60%)

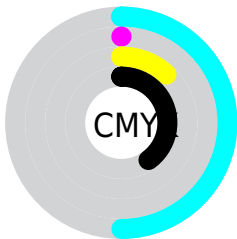
Blue (53%)



Red (30%)

Yellow (47%)

Blue (60%)

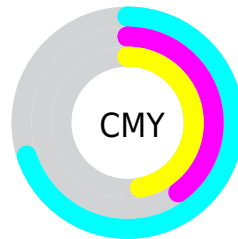


Cyan (50%)

Magenta (0%)

Yellow (12%)

Black (40%)



Cyan (70%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0975, -23.6588, 4.4751 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 51.0975, -23.6588, 4.4751 by changing the saturation by 10% instead.

■ 51.0975, -23.6588,
4.4751

■ 51.0975, -23.6588,
4.4751

168.3225,
-41.7053, 11.7075

■ 41.1174, -21.3901,
3.8097

■ 73.1118, -27.9465,
5.8960

■ 31.8869, -18.9973,
3.1742

■ 85.0650, -30.0021,
6.6485

■ 23.4741, -16.4305,
2.5696

■ 97.6069, -32.0159,
7.4282

■ 15.9678, -13.6039,
1.9955

■ 110.7109,
-33.9966, 8.2342

■ 9.4944, -13.4144,
1.4897

■ 124.3539,
-35.9510, 9.0658

0.0000, NaN, NaN

0.0000, NaN, NaN

138.5155,

-37.8845, 9.9223

0.0000, NaN, NaN

153.1771,
-39.8014, 10.8031

0.0000, NaN, NaN

■ 51.0975, -23.6588,
4.4751

■ 51.0975, -23.6588,
4.4751

■ 50.4449, -26.4180,
5.2258

■ 51.8917, -20.4016,
3.8734

■ 49.9256, -28.6749,
6.1103

■ 52.8273, -16.6611,
3.4280

■ 49.5326, -30.4425,
7.1124

■ 53.9060, -12.4641,
3.1450

■ 49.2546, -31.7521,
8.2109

■ 55.1271, -7.8446,
3.0263

■ 49.0593, -32.7256,
9.3623

■ 56.4879, -2.8419,
3.0706

■ 49.0532, -32.7565,
9.3996

■ 57.9849, 2.5024,
3.2738

■ 59.6135, 8.1464,
3.6301

■ 61.3686, 14.0492,
4.1316

■ 63.2446, 20.1726,
4.7696

Harmonies

Analogous

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



51.0985, -20.2997, 13.6757



51.0975, -23.6588, 4.4751



51.0985, -21.8465, -7.5296

Triad

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



51.0985, -23.6593, 4.4757



51.0985, 7.5230, -21.1220



51.0985, 10.9446, 17.6999

Complementary

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



51.0975, -23.6588, 4.4751



35.9264, 25.8524, 4.7214

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.



51.0985, 19.6911, 11.3100



51.0975, -23.6588, 4.4751



51.0985, 17.5918, -11.2093

Square

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



51.0985, -23.6593, 4.4757



51.0985, -4.5291, -24.1281



51.0985, 22.2281, 1.0271



51.0985, -0.9041, 20.1133

Rectangle

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



51.0975, -23.6588, 4.4751



51.0985, -17.8517, -15.3642



51.0985, 22.2281, 1.0271



51.0985, 14.3862, 16.0289

Sweetspot

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



51.0985, -23.6593, 4.4757



72.8295, -14.0411, 4.1121



50.7998, -27.2132, 22.6309



34.0777, -7.1495, 1.9498



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.0985, -23.6593, 4.4757



67.3896, -35.8530, 7.1613



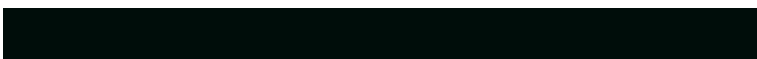
45.7481, -12.4164, -11.0870



26.4604, -3.6580, 1.4503



44.5999, -29.7422, 8.4590



5.5029, -3.3354, 0.3221

Inverse Universe

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



35.9264, 25.8524, 4.7214



43.4518, 43.3412, 8.2406



39.5913, 14.8459, 14.1405



24.9910, 1.0198, 1.4089



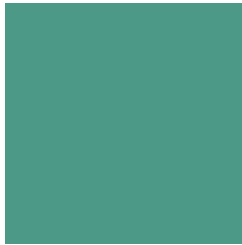
23.8919, 41.3804, 11.8357



3.0049, 5.3663, 0.2345

Previews

White Background



This preview shows how the HunterLab color 51.0975, -23.6588, 4.4751 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 HunterLab color 51.0975, -23.6588, 4.4751 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

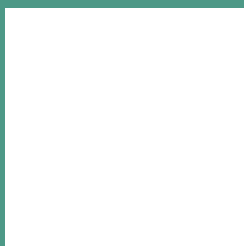
Any Text WCAG AAA × Fail

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

HunterLab 51.0975, -23.6588, 4.4751 Background



This preview shows how black text looks on a background with the HunterLab color 51.0975, -23.6588, 4.4751.



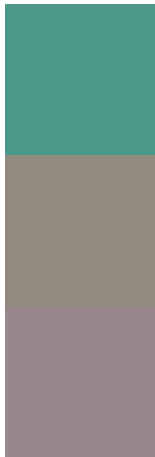
This preview shows how white text looks on a background with the HunterLab color 51.0975,

-23.6588, 4.4751.

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

51.0975, -23.6588, 4.4751

Protanopia

50.6345, -2.5205, 7.6457

Deuteranopia

50.8600, 3.2038, 2.9211



Tritanopia

50.9896, -15.9731, -8.0672

Trichromacy



Original Color

51.0975, -23.6588, 4.4751

Protanomaly

50.2491, -11.2152, 5.8480

Deuteranomaly

50.5381, -8.2022, 2.7890

Tritanomaly

50.8660, -18.6434, -3.6083

Monochromacy



Original Color

51.0975, -23.6588, 4.4751

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.7297, -11.1651, 2.5418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0975, -23.6588, 4.4751 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(77, 153, 135)` looks like.

```
.text, #text, p{  
    color:rgb(77, 153, 135)  
}
```

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(77, 153, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 153, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0975, -23.6588, 4.4751 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(77, 153, 135) }
```


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

```
.border{ border-color:rgb(77, 153, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 153, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 153, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 153, 135); box-shadow:4px 4px 4px 4px rgb(77, 153, 135) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0975, -23.6588, 4.4751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 153, 135) }
```

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

```
.background{ background-color: rgb(77, 153,  
135) }
```

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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