

Converting Colors

HunterLab(50.8478, -24.7324,
4.9508)

Have a look what the booklet for
HunterLab(50.8478, -24.7324,
4.9508) contains.

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Color

**HunterLab(50.8465,
-24.7472, 5.0229)**

Conversions

Conversions Part 1

Format	Color
Hex	489985
RGB	72, 153, 133
RGB Percent	28%, 60%, 52%
CMY	0.7176, 0.4000, 0.4784
CMYK	0.53, 0.00, 0.13, 0.40
HSL	165°, 36%, 44%
HSV	165°, 53%, 60%
XYZ	18.2974, 25.8537, 26.2162
YIQ	126.5010, -41.8560, -23.3920

Conversions

Conversions Part 2

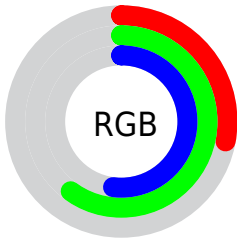
Format	Color
RYB	72, 118, 153
Decimal	4757893
CIELab	57.90, -29.82, 2.99
CIELCh	58, 29.971, 174.278
Yxy	25.8547, 0.2600, 0.3674
Android (android.graphics.Color)	4282947973 (0xFF489985)
YUV	126.5010, 3.2040, -47.7974
Hunter-Lab	50.8465, -24.7472, 5.0229

Details

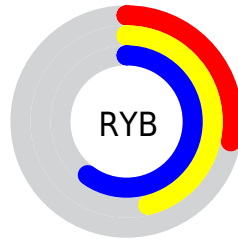
The HunterLab color $50.8465, -24.7472, 5.0229$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $34.9005, 27.8501, 4.7904$, and the grayscale version is $45.8736, -2.4477, 2.4924$.

A 20% lighter version of the original color is $72.9170, -29.2662, 6.6460$, and $31.5703, -19.6757, 3.3570$ is the 20% darker color. If you saturate the color by 10%, you get $50.2349, -27.3647, 5.8709$, and if you desaturate by 10%, it is $51.5985, -21.6280, 4.3165$.

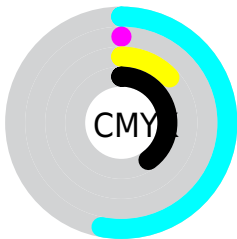
Distribution



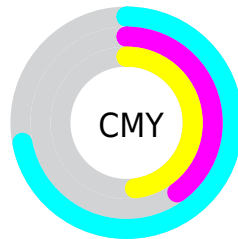
- Red (28%)
- Green (60%)
- Blue (52%)



- Red (28%)
- Yellow (46%)
- Blue (60%)



- Cyan (53%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8465, -24.7472, 5.0229 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 50.8465, -24.7472, 5.0229 by changing the saturation by 10% instead.

■ 50.8465, -24.7472,
5.0229

■ 50.8465, -24.7472,
5.0229

167.9488,
-43.5524, 12.5451

■ 40.8839, -22.3628,
4.3152

■ 72.8289, -29.2390,
6.5198

■ 31.6725, -19.8418,
3.6336

■ 84.7675, -31.3866,
7.3071

■ 23.2805, -17.1295,
2.9779

■ 97.2954, -33.4869,
8.1198

■ 15.7976, -14.1327,
2.3455

■ 110.3860,
-35.5497, 8.9574

■ 9.3512, -14.3956,
1.8336

■ 124.0162,
-37.5824, 9.8192

0.0000, NaN, NaN

138.1653,

0.0000, NaN, NaN

-39.5907, 10.7048

0.0000, NaN, NaN

152.8151,
-41.5794, 11.6136

0.0000, NaN, NaN

■ 50.8465, -24.7472,
5.0229

■ 50.8465, -24.7472,
5.0229

■ 50.2349, -27.3647,
5.8709

■ 51.5985, -21.6280,
4.3165

■ 49.7546, -29.4806,
6.8440

■ 52.4914, -18.0180,
3.7610

■ 49.3976, -31.1134,
7.9239

■ 53.5276, -13.9415,
3.3642

■ 49.1513, -32.3011,
9.0881

■ 54.7067, -9.4307,
3.1295

■ 49.0166, -32.9793,
9.9264

■ 56.0266, -4.5237,
3.0572

■ 57.4841, 0.7382,
3.1447

■ 59.0748, 6.3128,
3.3868

■ 60.7938, 12.1584,
3.7767

■ 62.6354, 18.2358,
4.3063

Harmonies

Analogous

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



50.8475, -21.0136, 14.5199



50.8465, -24.7472, 5.0229



50.8475, -23.0636, -7.7074

Triad

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



50.8475, -24.7477, 5.0235



50.8475, 7.6887, -23.1991



50.8475, 12.2968, 18.2111

Complementary

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



50.8465, -24.7472, 5.0229



34.9005, 27.8501, 4.7904

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.



50.8475, 21.4397, 11.4006



50.8465, -24.7472, 5.0229



50.8475, 18.6022, -12.6992

Square

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



50.8475, -24.7477, 5.0235



50.8475, -5.1209, -26.0966



50.8475, 23.8528, 0.4037



50.8475, -0.2652, 20.8428

Rectangle

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



50.8465, -24.7472, 5.0229



50.8475, -19.0019, -16.2053



50.8475, 23.8528, 0.4037



50.8475, 15.9192, 16.4293

Sweetspot

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



50.8475, -24.7477, 5.0235



72.6554, -14.7202, 4.2696



50.5368, -28.3925, 23.4501



34.0018, -7.4487, 2.0324



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.



50.8475, -24.7477, 5.0235



67.0602, -37.3373, 8.1451



45.1500, -12.6873, -11.9776



26.4584, -3.6690, 1.4786



44.5668, -29.9438, 8.9356



5.5004, -3.3509, 0.3586

Inverse Universe

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



34.9005, 27.8501, 4.7904



42.0620, 46.3556, 8.6283



38.6506, 16.2127, 14.6946



24.9929, 1.0304, 1.3808



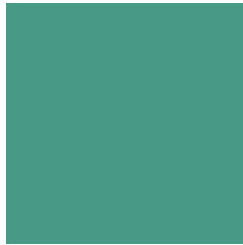
23.9089, 41.4432, 11.5855



3.0096, 5.3833, 0.1677

Previews

White Background



This preview shows how the HunterLab color 50.8465, -24.7472, 5.0229 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 50.8465, -24.7472, 5.0229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

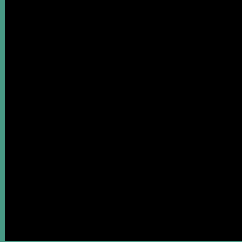
Any Text WCAG AA ✓ Pass

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 50.8465, -24.7472, 5.0229 Background



This preview shows how black text looks on a background with the HunterLab color 50.8465, -24.7472, 5.0229.



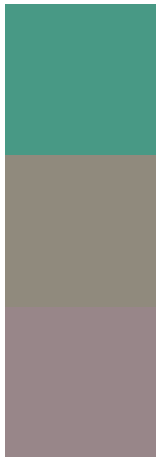
This preview shows how white text looks on a background with the HunterLab color 50.8465,

-24.7472, 5.0229.

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

50.8465, -24.7472, 5.0229

Protanopia

50.5835, -2.8000, 8.3788

Deuteranopia

50.5289, 3.3851, 3.4245



Tritanopia

50.8109, -16.6426, -8.3269

Trichromacy



Original Color

50.8465, -24.7472, 5.0229

Protanomaly

50.0550, -12.0311, 6.4431

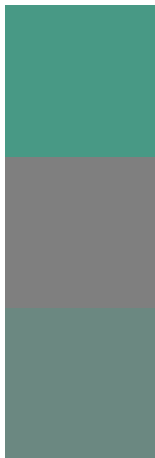
Deuteranomaly

50.0383, -8.5976, 3.0836

Tritanomaly

50.6624, -19.4817, -3.3873

Monochromacy



Original Color

50.8465, -24.7472, 5.0229

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.2431, -11.5294, 2.8442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8465, -24.7472, 5.0229 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(72, 153, 133)` looks like.

```
.text, #text, p{  
    color:rgb(72, 153, 133)  
}
```

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(72, 153, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 153, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8465, -24.7472, 5.0229 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(72, 153, 133) }
```


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

```
.border{ border-color:rgb(72, 153, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 153, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(72, 153,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.8465, -24.7472, 5.0229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 153, 133) }
```

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

```
.background{ background-color: rgb(72, 153,  
133) }
```

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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