

Converting Colors

HunterLab(41.7878, -23.3383,
12.4277)

Have a look what the booklet for
HunterLab(41.7878, -23.3383,
12.4277) contains.

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Color

**HunterLab(41.7677,
-23.4318, 12.5273)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8157
RGB	63, 129, 87
RGB Percent	25%, 51%, 34%
CMY	0.7529, 0.4941, 0.6588
CMYK	0.51, 0.00, 0.33, 0.49
HSL	142°, 34%, 38%
HSV	142°, 51%, 51%
XYZ	11.6205, 17.4454, 11.7717
YIQ	104.4780, -25.8540, -27.0540

Conversions

Conversions Part 2

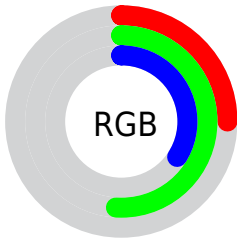
Format	Color
RYB	63, 111, 129
Decimal	4161879
CIELab	48.82, -31.22, 16.48
CIElCh	49, 35.302, 152.179
Yxy	17.4461, 0.2846, 0.4272
Android (android.graphics.Color)	4282351959 (0xFF3F8157)
YUV	104.4780, -8.6167, -36.3762
Hunter-Lab	41.7677, -23.4318, 12.5273

Details

The HunterLab color $41.7677, -23.4318, 12.5273$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $30.4014, 25.3642, -6.8882$, and the grayscale version is $37.4267, -1.9970, 2.0335$.

A 20% lighter version of the original color is $62.3754, -28.1319, 15.4467$, and $24.0238, -18.0142, 9.3106$ is the 20% darker color. If you saturate the color by 10%, you get $41.1623, -26.1769, 14.3080$, and if you desaturate by 10%, it is $42.5014, -20.2060, 10.6622$.

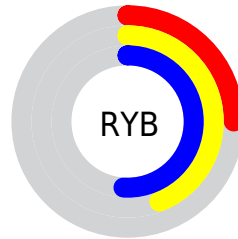
Distribution



Red (25%)

Green (51%)

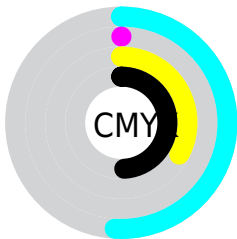
Blue (34%)



Red (25%)

Yellow (44%)

Blue (51%)

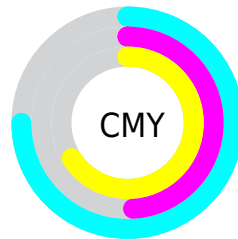


Cyan (51%)

Magenta (0%)

Yellow (33%)

Black (49%)



Cyan (75%)

Magenta (49%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7677, -23.4318, 12.5273 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 41.7677, -23.4318, 12.5273 by changing the saturation by 10% instead.

■ 41.7677, -23.4318,
12.5273

■ 41.7677, -23.4318,
12.5273

154.1851,
-43.2609, 25.7098

■ 32.4855, -20.8234,
10.9349

■ 62.5230, -28.2613,
15.5663

■ 24.0149, -18.0169,
9.2598

■ 73.9000, -30.5421,
17.0419

■ 16.4439, -14.9192,
7.4563

■ 85.8939, -32.7595,
18.5006

■ 9.8957, -14.3302,
6.9270

■ 98.4746, -34.9266,
19.9485

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.6157,
-37.0533, 21.3903

0.0000, NaN, NaN

125.2943,

0.0000, NaN, NaN

-39.1474, 22.8294

0.0000, NaN, NaN

139.4902,
-41.2150, 24.2685

■ 41.7677, -23.4318,
12.5273

■ 41.7677, -23.4318,
12.5273

■ 41.1623, -26.1769,
14.3080

■ 42.5014, -20.2060,
10.6622

■ 40.6790, -28.4282,
15.9820

■ 43.3624, -16.5216,
8.7336

■ 40.3125, -30.1899,
17.5297

■ 44.3511, -12.4126,
6.7634

■ 40.0537, -31.4841,
18.9336

■ 45.4657, -7.9186,
4.7717

■ 39.8819, -32.3682,
20.0246

■ 46.7030, -3.0825,
2.7771

■ 48.0589, 2.0516,
0.7953

■ 49.5287, 7.4408,
-1.1604

■ 51.1071, 13.0449,
-3.0794

■ 52.7886, 18.8272,
-4.9537

Harmonies

Analogous

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



41.7686, -15.5960, 18.6344



41.7677, -23.4318, 12.5273



41.7686, -25.8272, 1.2901

Triad

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



41.7686, -23.4324, 12.5277



41.7686, -1.2044, -32.1700



41.7686, 23.0232, 13.7215

Complementary

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



41.7677, -23.4318, 12.5273



30.4014, 25.3642, -6.8882

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.



41.7686, 28.1441, 3.2337



41.7677, -23.4318, 12.5273



41.7686, 13.0596, -25.6525

Square

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



41.7686, -23.4324, 12.5277



41.7686, -14.0429, -27.2282



41.7686, 24.2804, -11.4970



41.7686, 11.0597, 19.1475

Rectangle

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



41.7677, -23.4318, 12.5273



41.7686, -24.3087, -8.5692



41.7686, 24.2804, -11.4970



41.7686, 25.6679, 10.8156

Sweetspot

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



41.7686, -23.4324, 12.5277



60.1959, -13.1745, 7.5036



43.7244, -16.5881, 20.2754



28.5142, -6.7698, 3.7924



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



41.7686, -23.4324, 12.5277



54.9913, -35.4475, 19.4388



42.5351, -18.8890, 1.5068



22.0059, -3.3418, 2.0977



39.3806, -31.9546, 19.7585

0.0000, NaN, NaN

Inverse Universe

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



30.4014, 25.3642, -6.8882



37.2153, 41.5171, -10.5331



29.4995, 21.1721, 5.9137



20.9444, 1.1350, 0.2546



22.6862, 41.4786, -5.7101

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.7677, -23.4318, 12.5273 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 × Fail

Black Background



This preview shows how the HunterLab color 41.7677, -23.4318, 12.5273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

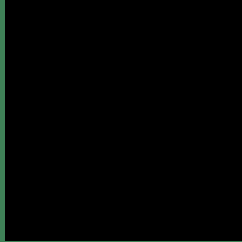
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 41.7677, -23.4318, 12.5273 Background



This preview shows how black text looks on a background with the HunterLab color 41.7677, -23.4318, 12.5273.



This preview shows how white text looks on a background with the HunterLab color 41.7677,

-23.4318, 12.5273.

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

41.7677, -23.4318, 12.5273

Protanopia

41.4012, -3.7787, 14.2969

Deuteranopia

41.5633, 2.6973, 11.5395



Tritanopia

41.6596, -11.9830, -6.1206

Trichromacy



Original Color

41.7677, -23.4318, 12.5273

Protanomaly

41.0880, -12.1378, 13.2968

Deuteranomaly

41.1658, -8.6003, 11.2841

Tritanomaly

41.5545, -16.5150, 1.7416

Monochromacy



Original Color

41.7677, -23.4318, 12.5273

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.4915, -10.6469, 5.7328

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.7677, -23.4318, 12.5273 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(63, 129, 87)` looks like.

```
.text, #text, p{  
    color:rgb(63, 129, 87)  
}
```

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(63, 129, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 129, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 41.7677, -23.4318, 12.5273 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(63, 129, 87) }
```


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

```
.border{ border-color:rgb(63, 129, 87) }
```

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

Here you see how a box with a 4 pixel rgb(63, 129, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 129, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 129, 87);  
box-shadow:4px 4px 4px 4px rgb(63, 129,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.7677, -23.4318, 12.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 129, 87) }
```

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

```
.background{ background-color: rgb(63, 129,  
87) }
```

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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