

Converting Colors

HunterLab(38.3710, -21.4700,
7.5329)

Have a look what the booklet for
HunterLab(38.3710, -21.4700,
7.5329) contains.

HunterLab(38.5150, -21.6712, 7.7666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(38.5150,
-21.6712, 7.7666)**

Conversions

Conversions Part 1

Format	Color
Hex	30785C
RGB	48, 120, 92
RGB Percent	19%, 47%, 36%
CMY	0.8118, 0.5294, 0.6392
CMYK	0.60, 0.00, 0.23, 0.53
HSL	157°, 43%, 33%
HSV	157°, 60%, 47%
XYZ	9.8672, 14.8341, 12.4684
YIQ	95.2800, -33.9240, -23.9720

Conversions

Conversions Part 2

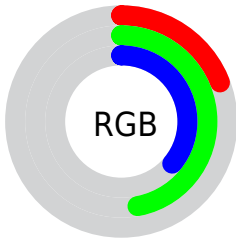
Format	Color
RYB	48, 93, 120
Decimal	3176540
CIELab	45.41, -29.69, 8.75
CIELCh	45, 30.952, 163.575
Yxy	14.8346, 0.2655, 0.3991
Android (android.graphics.Color)	4281366620 (0xFF30785C)
YUV	95.2800, -1.6170, -41.4646
Hunter-Lab	38.5150, -21.6712, 7.7666

Details

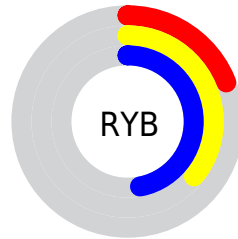
The HunterLab color **38.5150, -21.6712, 7.7666** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **25.7472, 25.0172, 0.5566**, and the grayscale version is **33.9483, -1.8114, 1.8445**.

A 20% lighter version of the original color is **58.8276, -26.5057, 9.9929**, and **21.6881, -15.3506, 6.0292** is the 20% darker color. If you saturate the color by 10%, you get **38.0817, -23.6214, 8.9021**, and if you desaturate by 10%, it is **39.0527, -19.3319, 6.6788**.

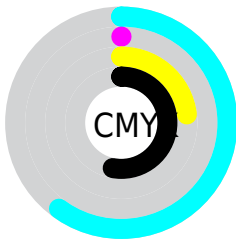
Distribution



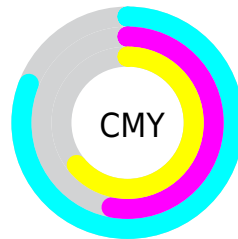
- Red (19%)
- Green (47%)
- Blue (36%)



- Red (19%)
- Yellow (36%)
- Blue (47%)



- Cyan (60%)
- Magenta (0%)
- Yellow (23%)
- Black (53%)



- Cyan (81%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.5150, -21.6712, 7.7666 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 38.5150, -21.6712, 7.7666 by changing the saturation by 10% instead.

■ 38.5150, -21.6712,
7.7666

■ 38.5150, -21.6712,
7.7666

149.1185,
-40.9449, 17.4782

■ 29.5016, -19.1192,
6.7089

■ 58.7902, -26.3758,
9.8662

■ 21.3266, -16.3582,
5.6289

■ 69.9490, -28.5927,
10.9205

■ 14.0880, -13.2813,
4.5023

■ 81.7361, -30.7466,
11.9830

■ 7.7368, -13.5393,
5.1102

■ 94.1198, -32.8509,
13.0559

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.0725,
-34.9159, 14.1410

0.0000, NaN, NaN

■ 120.5703,

0.0000, NaN, NaN

-36.9493, 15.2392

0.0000, NaN, NaN

134.5919,
-38.9573, 16.3514

■ 38.5150, -21.6712,
7.7666

■ 38.5150, -21.6712,
7.7666

■ 38.0817, -23.6214,
8.9021

■ 39.0527, -19.3319,
6.6788

■ 37.7453, -25.1858,
10.0684

■ 39.6957, -16.6093,
5.6515

■ 37.4990, -26.3828,
11.2485

■ 40.4464, -13.5202,
4.6970

■ 37.3081, -27.3462,
12.4008

■ 41.3048, -10.0880,
3.8249

■ 37.3081, -27.3463,
12.4009

■ 42.2698, -6.3414,
3.0425

■ 43.3393, -2.3120,
2.3546

■ 44.5102, 1.9673,
1.7639

■ 45.7789, 6.4639,
1.2711

■ 47.1415, 11.1466,
0.8752

Harmonies

Analogous

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



38.5158, -16.6194, 14.7853



38.5150, -21.6712, 7.7666



38.5158, -21.9038, -3.3813

Triad

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



38.5158, -21.6716, 7.7670



38.5158, 3.4726, -25.6959



38.5158, 15.9974, 14.3026

Complementary

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



38.5150, -21.6712, 7.7666



25.7472, 25.0172, 0.5566

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.



38.5158, 22.8555, 6.8718



38.5150, -21.6712, 7.7666



38.5158, 15.0524, -17.2844

Square

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



38.5158, -21.6716, 7.7670



38.5158, -8.3272, -25.2343



38.5158, 22.4900, -4.5934



38.5158, 4.6415, 17.6964

Rectangle

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



38.5150, -21.6712, 7.7666



38.5158, -19.3563, -12.0183



38.5158, 22.4900, -4.5934



38.5158, 18.9636, 12.3117

Sweetspot

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



38.5158, -21.6716, 7.7670



54.9677, -12.6308, 4.9028



39.0083, -21.1555, 19.4158



26.6157, -6.7140, 2.5161



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



38.5158, -21.6716, 7.7670



50.3205, -32.1666, 12.3845



37.0820, -14.3865, -5.8144



21.1832, -2.9927, 1.4880



38.9632, -28.5844, 13.0049



84.9976, -63.0482, 29.8633

Inverse Universe

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



25.7472, 25.0172, 0.5566



30.7918, 40.2132, 2.2704



26.3786, 19.1743, 10.3043



20.0959, 0.8667, 0.7993



21.3882, 37.6487, 5.9075



46.5455, 81.6123, 15.3341

Previews

White Background



This preview shows how the HunterLab color 38.5150, -21.6712, 7.7666 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 38.5150, -21.6712, 7.7666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

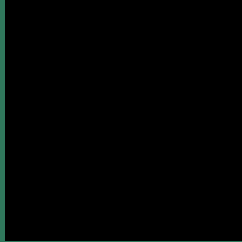
Any Text WCAG AA × Fail

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 38.5150, -21.6712, 7.7666 Background



This preview shows how black text looks on a background with the HunterLab color 38.5150, -21.6712, 7.7666.



This preview shows how white text looks on a background with the HunterLab color 38.5150,

-21.6712, 7.7666.

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

38.5150, -21.6712, 7.7666

Protanopia

38.4248, -2.7795, 10.0437

Deuteranopia

38.2230, 2.4434, 6.4299



Tritanopia

38.6021, -13.2174, -6.2450

Trichromacy



Original Color

38.5150, -21.6712, 7.7666

Protanomaly

38.0350, -11.3142, 8.8470

Deuteranomaly

37.6074, -8.1428, 5.9625

Tritanomaly

38.3759, -16.3766, -0.7766

Monochromacy



Original Color

38.5150, -21.6712, 7.7666

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.1119, -10.0362, 3.5784

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.5150, -21.6712, 7.7666 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(48, 120, 92)` looks like.

```
.text, #text, p{  
    color:rgb(48, 120, 92)  
}
```

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(48, 120, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 120, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 38.5150, -21.6712, 7.7666 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(48, 120, 92) }
```


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

```
.border{ border-color:rgb(48, 120, 92) }
```

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

Here you see how a box with a 4 pixel rgb(48, 120, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 120, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 120, 92);  
box-shadow:4px 4px 4px 4px rgb(48, 120,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.5150, -21.6712, 7.7666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 120, 92) }
```

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

```
.background{ background-color: rgb(48, 120,  
92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor