

# Converting Colors

HunterLab(41.2521, -21.1468,  
23.7225)

Have a look what the booklet for  
HunterLab(41.2521, -21.1468,  
23.7225) contains.

<b>HunterLab(41.1231, -21.0692, 23.6450)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(41.1231,  
-21.0692, 23.6450)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A7D19
RGB	90, 125, 25
RGB Percent	35%, 49%, 10%
CMY	0.6471, 0.5098, 0.9019
CMYK	0.28, 0.00, 0.80, 0.51
HSL	81°, 67%, 29%
HSV	81°, 80%, 49%
XYZ	11.7255, 16.9111, 3.5659
YIQ	103.1350, 11.2400, -38.5200

# Conversions

## Conversions Part 2

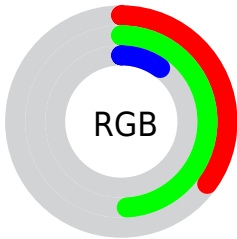
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 125, 60
Decimal	5930265
CIE Lab	48.15, -27.59, 46.61
CIE LCh	48, 54.167, 120.626
Yxy	16.9118, 0.3641, 0.5251
Android (android.graphics.Color)	4284120345 (0xFF5A7D19)
YUV	103.1350, -38.5206, -11.5194
Hunter-Lab	41.1231, -21.0692, 23.6450

# Details

The HunterLab color  $41.1231, -21.0692, 23.6450$  is a dark color, and the websafe version is hex  $336600$ . A complement of this color would be  $17.7118, 28.6009, -53.5367$ , and the grayscale version is  $37.0182, -1.9752, 2.0113$ .

A 20% lighter version of the original color is  $61.8308, -25.5712, 30.7406$ , and  $23.6648, -15.6082, 14.3089$  is the 20% darker color. If you saturate the color by 10%, you get  $40.8123, -22.4068, 24.2270$ , and if you desaturate by 10%, it is  $41.4781, -19.5223, 22.6552$ .

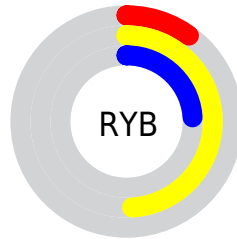
# Distribution



Red (35%)

Green (49%)

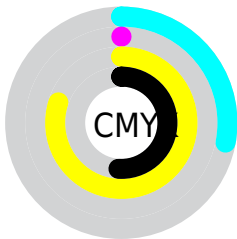
Blue (10%)



Red (10%)

Yellow (49%)

Blue (24%)

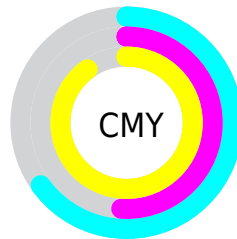


Cyan (28%)

Magenta (0%)

Yellow (80%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.1231, -21.0692, 23.6450 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 41.1231, -21.0692, 23.6450 by changing the saturation by 10% instead.



■ 41.1231, -21.0692,  
23.6450

■ 41.1231, -21.0692,  
23.6450

153.1874,  
-39.2371, 51.7778

■ 31.8930, -18.7158,  
19.7401

■ 61.7852, -25.4509,  
30.7782

■ 23.4796, -16.1921,  
16.0965

■ 73.1198, -27.5302,  
34.0846

■ 15.9726, -13.4154,  
11.1808

■ 85.0735, -29.5579,  
37.2579

■ 9.4985, -13.1683,  
6.6490

■ 97.6157, -31.5453,  
40.3208

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.7201,  
-33.5010, 43.2911

0.0000, NaN, NaN

■ 124.3635,

0.0000, NaN, NaN

-35.4315, 46.1833

0.0000, NaN, NaN

138.5254,  
-37.3421, 49.0090

41.1231, -21.0692,  
23.6450

41.1231, -21.0692,  
23.6450

40.8123, -22.4068,  
24.2270

41.4781, -19.5223,  
22.6552

40.5319, -23.5941,  
24.5623

41.8772, -17.7526,  
21.2206

40.5318, -23.5945,  
24.5624

42.3231, -15.7556,  
19.3167

42.8171, -13.5300,  
16.9279

43.3603, -11.0776,  
14.0463

■ 43.9529, -8.4029,  
10.6707

■ 44.5952, -5.5127,  
6.8053

■ 45.2870, -2.4154,  
2.4591

■ 46.0279, 0.8790,  
-2.3548

# Harmonies

## Analogous

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



41.1240, -2.6438, 25.2594



41.1231, -21.0692, 23.6450



41.1240, -32.1762, 17.1430

# Triad

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



41.1240, -21.0702, 23.6452



41.1240, -20.4384, -48.3240



41.1240, 47.3615, 2.6627

# Complementary

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



41.1231, -21.0692, 23.6450



17.7118, 28.6009, -53.5367

# 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.



41.1240, 39.9835, -21.8582



41.1231, -21.0692, 23.6450



41.1240, -1.7472, -58.9844

# Square

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



41.1240, -21.0702, 23.6452



41.1240, -31.8671, -23.0029



41.1240, 20.8467, -47.4591



41.1240, 39.3701, 17.5642



# Rectangle

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



41.1231, -21.0692, 23.6450



41.1240, -35.3373, 8.0982



41.1240, 20.8467, -47.4591



41.1240, 46.5836, -4.6347

# Sweetspot

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



41.1240, -21.0702, 23.6452



58.4442, -12.9213, 16.4313



27.6813, 17.6504, 15.3956



27.7635, -6.6606, 8.4609



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



41.1240, -21.0702, 23.6452



54.3051, -31.2777, 32.7103



38.9736, -29.8014, 22.0941



22.2406, -2.6139, 3.2084



41.4021, -24.1233, 25.0895

0.0000, NaN, NaN



# Inverse Universe

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



17.7118, 28.6009, -53.5367



19.4861, 45.1083, -92.9191



23.4337, 38.8225, -33.9725



20.6863, 0.3840, -1.0420



14.4738, 35.4635, -73.4119

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 41.1231, -21.0692, 23.6450 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 41.1231, -21.0692, 23.6450 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

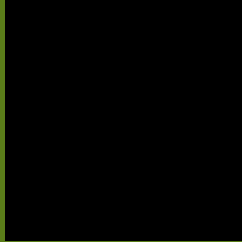
Any Text WCAG AA × Fail

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 41.1231, -21.0692, 23.6450 Background



This preview shows how black text looks on a background with the HunterLab color 41.1231, -21.0692, 23.6450.



This preview shows how white text looks on a background with the HunterLab color 41.1231,

-21.0692, 23.6450.

# 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

41.1231, -21.0692, 23.6450

### Protanopia

40.8433, -5.6397, 23.9668

### Deuteranopia

40.8345, 2.6978, 23.1201



## Tritanopia

40.9437, -4.6083, -3.4347

# Trichromacy



## Original Color

41.1231, -21.0692, 23.6450

## Protanomaly

40.7384, -11.8225, 23.7161

## Deuteranomaly

40.5135, -6.7313, 23.0488

## Tritanomaly

40.5664, -12.3376, 10.9674

# Monochromacy



## Original Color

41.1231, -21.0692, 23.6450

## Achromatopsia

36.8284, -1.9651, 2.0010

## Achromatomaly

38.0441, -10.3143, 12.8880

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.1231, -21.0692, 23.6450 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(90, 125, 25)` looks like.

```
.text, #text, p{  
    color:rgb(90, 125, 25)  
}
```

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(90, 125, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 125, 25) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.1231, -21.0692, 23.6450 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(90, 125, 25) }
```



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

```
.border{ border-color:rgb(90, 125, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 125, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 125, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 125, 25);  
box-shadow:4px 4px 4px 4px rgb(90, 125,  
25) }
```

# Background

The CSS property to change the background color of an element to HunterLab 41.1231, -21.0692, 23.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 125, 25) }
```

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

```
.background{ background-color: rgb(90, 125,  
25) }
```

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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