

Converting Colors

HunterLab(21.4808, 11.5101,
5.4090)

Have a look what the booklet for
HunterLab(21.4808, 11.5101,
5.4090) contains.

HunterLab(21.4290, 11.3881, 5.3642)	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(21.4290, 11.3881,
5.3642)**

Conversions

Conversions Part 1

Format	Color
Hex	5A3131
RGB	90, 49, 49
RGB Percent	35%, 19%, 19%
CMY	0.6471, 0.8078, 0.8078
CMYK	0.00, 0.46, 0.46, 0.65
HSL	0°, 29%, 27%
HSV	0°, 46%, 35%
XYZ	5.8691, 4.5920, 3.4827
YIQ	61.2590, 24.4360, 8.6920

Conversions

Conversions Part 2

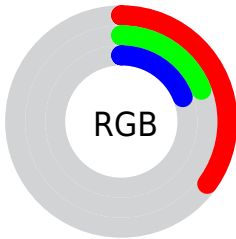
Format	Color
R_{YB}	90, 49, 49
Decimal	5910833
CIE _{Lab}	25.54, 18.58, 8.13
CIE _{LCh}	26, 20.280, 23.644
Yxy	4.5923, 0.4209, 0.3293
Android (android.graphics.Color)	4284100913 (0xFF5A3131)
YUV	61.2590, -6.0437, 25.2059
Hunter-Lab	21.4290, 11.3881, 5.3642

Details

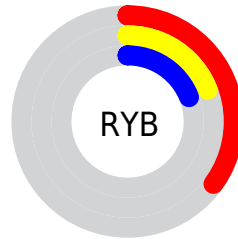
The HunterLab color **21.4290, 11.3881, 5.3642** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **29.5010, -10.6756, -1.4486**, and the grayscale version is **21.7063, -1.1582, 1.1793**.

A 20% lighter version of the original color is **38.6559, 12.7171, 7.4366**, and **7.7628, 10.4475, 4.7470** is the 20% darker color. If you saturate the color by 10%, you get **19.6078, 14.4662, 6.2651**, and if you desaturate by 10%, it is **23.4637, 8.3364, 4.4890**.

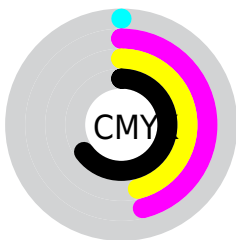
Distribution



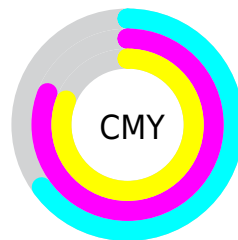
- Red (35%)
- Green (19%)
- Blue (19%)



- Red (35%)
- Yellow (19%)
- Blue (19%)



- Cyan (0%)
- Magenta (46%)
- Yellow (46%)
- Black (65%)



- Cyan (65%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4290, 11.3881, 5.3642 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 21.4290, 11.3881, 5.3642 by changing the saturation by 10% instead.

■ 21.4290, 11.3881,
5.3642

■ 21.4290, 11.3881,
5.3642

■ 120.7535, 14.3555,
14.6626

■ 14.1777, 10.5126,
4.2949

■ 38.6411, 12.6975,
7.4114

■ 7.8314, 10.2691,
4.7312

■ 48.4325, 13.1771,
8.4225

0.0000, NaN, NaN

■ 58.9344, 13.5603,
9.4365

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.1018, 13.8585,
10.4579

0.0000, NaN, NaN

■ 81.8971, 14.0806,
11.4895

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.2886, 14.2337,

12.5334

0.0000, NaN, NaN

107.2487, 14.3237,
13.5907

■ 21.4290, 11.3881,
5.3642

■ 21.4290, 11.3881,
5.3642

■ 19.6078, 14.4662,
6.2651

■ 23.4637, 8.3364,
4.4890

■ 18.0354, 17.4674,
7.1574

■ 25.6776, 5.3714,
3.6550

■ 16.7498, 20.2235,
7.9882

■ 28.0437, 2.5154,
2.8685

■ 15.7819, 22.5217,
8.6884

■ 30.5396, -0.2284,
2.1290

■ 15.0644, 24.3732,
9.2572

■ 33.1470, -2.8663,
1.4330

■ 14.7437, 25.2472,
9.5270

■ 35.8516, -5.4095,
0.7757

■ 38.6415, -7.8702,
0.1522

■ 41.5073, -10.2604,
-0.4421

■ 44.4412, -12.5910,
-1.0116

Harmonies

Analogous

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



21.4295, 12.5672, -0.1757



21.4290, 11.3881, 5.3642



21.4295, 6.6815, 8.6366

Triad

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



21.4295, 11.3869, 5.3646



21.4295, -10.2137, 7.0290



21.4295, -2.4951, -14.1082

Complementary

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



21.4290, 11.3881, 5.3642



29.5010, -10.6756, -1.4486

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.



21.4295, -7.9872, -10.6201



21.4290, 11.3881, 5.3642



21.4295, -12.0922, 2.4271

Square

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



21.4295, 11.3869, 5.3646



21.4295, -5.8774, 9.3808



21.4295, -11.3277, -4.1021



21.4295, 4.0384, -12.6326

Rectangle

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



21.4290, 11.3881, 5.3642



21.4295, 2.4465, 9.6564



21.4295, -11.3277, -4.1021



21.4295, -4.5137, -13.4509

Sweetspot

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



21.4295, 11.3869, 5.3646



37.4483, 2.9201, 3.6834



22.6020, 16.9946, -11.1492



18.1883, 1.6907, 1.8803



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



21.4295, 11.3869, 5.3646



25.6608, 19.6303, 8.4332



25.9103, 2.3976, 9.3586



15.3239, 0.3428, 1.2216



18.1458, 31.0735, 11.7254



42.4625, 72.7167, 27.4382

Inverse Universe

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



29.5010, -10.6756, -1.4486



38.5153, -16.0450, -2.5978



23.8939, -2.4364, -9.3213



16.1878, -1.9622, 0.5113



34.9191, -18.5113, -3.6853



81.7137, -43.3178, -8.6243

Previews

White Background



This preview shows how the HunterLab color 21.4290, 11.3881, 5.3642 looks on a white background.

Color Contrast Check

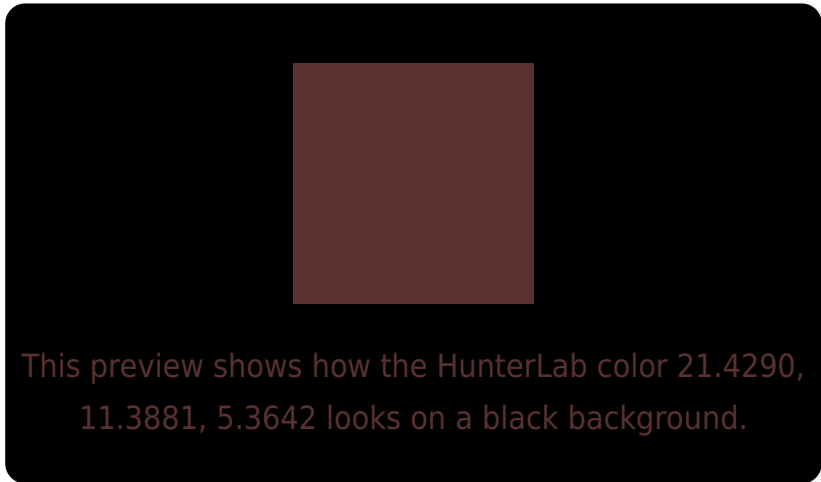
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

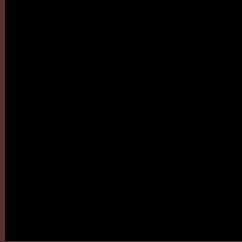
Any Text WCAG AA × Fail

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 21.4290, 11.3881, 5.3642 Background



This preview shows how black text looks on a background with the HunterLab color 21.4290, 11.3881, 5.3642.



This preview shows how white text looks on a background with the HunterLab color 21.4290, 11.3881,

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

21.4290, 11.3881, 5.3642

Protanopia

21.6871, -1.1392, 3.4621

Deuteranopia

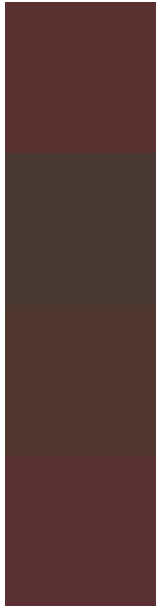
21.7046, 1.0776, 6.0467



Tritanopia

21.4900, 11.6862, 4.4833

Trichromacy



Original Color

21.4290, 11.3881, 5.3642

Protanomaly

21.4471, 2.8615, 3.9545

Deuteranomaly

21.4663, 5.0428, 5.5924

Tritanomaly

21.4693, 11.5848, 4.7828

Monochromacy



Original Color

21.4290, 11.3881, 5.3642

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.4462, 3.0374, 2.5667

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4290, 11.3881, 5.3642 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, 49, 49)` looks like.

```
.text, #text, p{  
    color:rgb(90, 49, 49)  
}
```

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, 49, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 49, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4290, 11.3881, 5.3642 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, 49, 49) }
```


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

```
.border{ border-color:rgb(90, 49, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 49, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 49, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 49, 49);  
box-shadow:4px 4px 4px 4px rgb(90, 49, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4290, 11.3881, 5.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 49, 49) }
```

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

```
.background{ background-color: rgb(90, 49,  
49) }
```

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