

Converting Colors

HunterLab(20.2517, -10.7833,
11.1456)

Have a look what the booklet for
HunterLab(20.2517, -10.7833,
11.1456) contains.

HunterLab(20.1382, -10.7372, 11.1001)	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(20.1382,
-10.7372, 11.1001)**

Conversions

Conversions Part 1

Format	Color
Hex	293F0D
RGB	41, 63, 13
RGB Percent	16%, 25%, 5%
CMY	0.8392, 0.7529, 0.9490
CMYK	0.35, 0.00, 0.79, 0.75
HSL	86°, 66%, 15%
HSV	86°, 79%, 25%
XYZ	2.7646, 4.0555, 1.0178
YIQ	50.7220, 2.9380, -20.2140

Conversions

Conversions Part 2

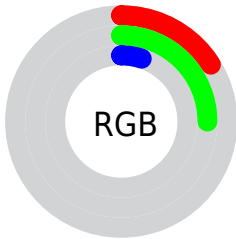
Format	Color
RYB	13, 63, 35
Decimal	2703117
CIELab	23.85, -18.02, 26.58
CIELCh	24, 32.113, 124.128
Yxy	4.0556, 0.3527, 0.5174
Android (android.graphics.Color)	4280893197 (0xFF293F0D)
YUV	50.7220, -18.5969, -8.5262
Hunter-Lab	20.1382, -10.7372, 11.1001

Details

The HunterLab color **20.1382, -10.7372, 11.1001** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10.0207, 13.3590, -21.4169**, and the grayscale version is **18.1615, -0.9691, 0.9867**.

A 20% lighter version of the original color is **37.1459, -14.2223, 16.2509**, and **7.5751, -6.4956, 4.5540** is the 20% darker color. If you saturate the color by 10%, you get **19.9656, -11.4978, 11.5300**, and if you desaturate by 10%, it is **20.3314, -9.8853, 10.5188**.

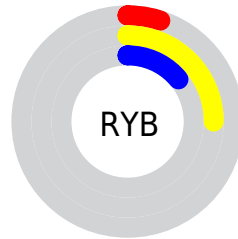
Distribution



Red (16%)

Green (25%)

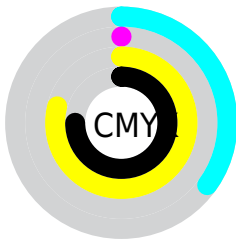
Blue (5%)



Red (5%)

Yellow (25%)

Blue (14%)

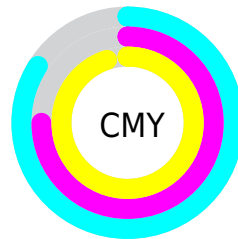


Cyan (35%)

Magenta (0%)

Yellow (79%)

Black (75%)



Cyan (84%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1382, -10.7372, 11.1001 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 20.1382, -10.7372, 11.1001 by changing the saturation by 10% instead.

■ 20.1382, -10.7372,
11.1001

■ 20.1382, -10.7372,
11.1001

■ 118.4401,
-25.1125, 30.5765

■ 13.0566, -8.7597,
9.1396

■ 37.0646, -14.2552,
16.1541

■ 6.5324, -11.4317,
4.5727

■ 46.7310, -15.8935,
18.4347

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.1166, -17.4848,
20.6083

0.0000, NaN, NaN

■ 68.1747, -19.0435,
22.7013

0.0000, NaN, NaN

■ 79.8665, -20.5794,
24.7324

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.1595, -22.0995,

■ 105.0255,
-23.6092, 28.6607

■ 20.1382, -10.7372,
11.1001

■ 20.1382, -10.7372,
11.1001

■ 19.9656, -11.4978,
11.5300

■ 20.3314, -9.8853,
10.5188

■ 19.8025, -12.2233,
11.9538

■ 20.5464, -8.9289,
9.7511

■ 19.7924, -12.2685,
11.9812

■ 20.7841, -7.8684,
8.7911

■ 21.0448, -6.7054,
7.6359

■ 21.3287, -5.4422,
6.2851

■ 21.6357, -4.0822,
4.7402

■ 21.9658, -2.6297,
3.0047

■ 22.3186, -1.0891,
1.0837

■ 22.6939, 0.5345,
-1.0167

Harmonies

Analogous

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



20.1386, -2.4364, 12.2242



20.1382, -10.7372, 11.1001



20.1386, -15.5788, 7.5382

Triad

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



20.1386, -10.7377, 11.1002



20.1386, -8.7733, -23.1670



20.1386, 21.8203, 2.3646

Complementary

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



20.1382, -10.7372, 11.1001



10.0207, 13.3590, -21.4169

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.



20.1386, 19.2272, -8.5898



20.1382, -10.7372, 11.1001



20.1386, 0.3223, -26.8745

Square

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



20.1386, -10.7377, 11.1002



20.1386, -14.6090, -12.0456



20.1386, 10.8413, -20.5818



20.1386, 17.3665, 8.8755

Rectangle

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



20.1382, -10.7372, 11.1001



20.1386, -16.8114, 2.8733



20.1386, 10.8413, -20.5818



20.1386, 21.7488, -0.8592

Sweetspot

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



20.1386, -10.7377, 11.1002



27.8176, -6.3076, 7.3121



15.0615, 5.8065, 7.8834



14.2423, -3.3562, 3.8869



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.1386, -10.7377, 11.1002



25.6893, -15.7414, 15.2836



19.2285, -14.4369, 10.4216



11.4271, -1.2895, 1.4672



29.6988, -18.9559, 17.9684



75.1433, -49.7211, 45.4325

Inverse Universe

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



10.0207, 13.3590, -21.4169



10.5233, 21.5896, -37.6647



12.6378, 18.6280, -13.9499



10.7947, 0.1257, -0.3154



11.3867, 26.6525, -48.0868



28.0027, 66.7598, -127.6737

Previews

White Background



This preview shows how the HunterLab color 20.1382, -10.7372, 11.1001 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 20.1382, -10.7372, 11.1001 Background



This preview shows how black text looks on a background with the HunterLab color 20.1382, -10.7372, 11.1001.



This preview shows how white text looks on a background with the HunterLab color 20.1382,

-10.7372, 11.1001.

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

20.1382, -10.7372, 11.1001

Protanopia

20.1008, -2.8710, 11.4019

Deuteranopia

20.0459, 0.7059, 10.7961



Tritanopia

20.2266, -3.3312, -1.3796

Trichromacy



Original Color

20.1382, -10.7372, 11.1001

Protanomaly

19.9881, -5.8554, 11.1823

Deuteranomaly

19.8099, -3.8497, 10.6722

Tritanomaly

19.9476, -6.5265, 4.7983

Monochromacy



Original Color

20.1382, -10.7372, 11.1001

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.6287, -5.0769, 5.8194

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1382, -10.7372, 11.1001 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(41, 63, 13)` looks like.

```
.text, #text, p{  
    color:rgb(41, 63, 13)  
}
```

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(41, 63, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 63, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1382, -10.7372, 11.1001 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(41, 63, 13) }
```


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

```
.border{ border-color:rgb(41, 63, 13) }
```

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

Here you see how a box with a 4 pixel rgb(41, 63, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 63, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 63, 13);  
box-shadow:4px 4px 4px 4px rgb(41, 63, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1382, -10.7372, 11.1001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 63, 13) }
```

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

```
.background{ background-color: rgb(41, 63,  
13) }
```

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