

Converting Colors

HunterLab(20.1429, -2.4967,
-1.4015)

Have a look what the booklet for
HunterLab(20.1429, -2.4967,
-1.4015) contains.

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Color

**HunterLab(20.0947, -2.5041,
-1.5368)**

Conversions

Conversions Part 1

Format	Color
Hex	313A3F
RGB	49, 58, 63
RGB Percent	19%, 23%, 25%
CMY	0.8078, 0.7725, 0.7529
CMYK	0.22, 0.08, 0.00, 0.75
HSL	201°, 12%, 22%
HSV	201°, 22%, 25%
XYZ	3.6769, 4.0380, 5.2882
YIQ	55.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

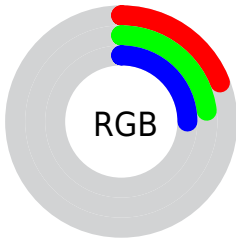
Format	Color
R_YB	49, 54, 63
Decimal	3226175
CIE Lab	23.80, -2.43, -4.36
CIE LCh	24, 4.989, 240.794
Yxy	4.0381, 0.2828, 0.3105
Android (android.graphics.Color)	4281416255 (0xFF313A3F)
YUV	55.8790, 3.5107, -6.0329
Hunter-Lab	20.0947, -2.5041, -1.5368

Details

The HunterLab color **20.0947, -2.5041, -1.5368** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.7911, 0.7524, 3.5030**, and the grayscale version is **19.8355, -1.0584, 1.0777**.

A 20% lighter version of the original color is **36.9915, -3.7412, -1.3758**, and **6.4432, -1.7530, -2.5889** is the 20% darker color. If you saturate the color by 10%, you get **19.1582, -2.9373, -2.7999**, and if you desaturate by 10%, it is **21.0659, -1.9689, -0.2895**.

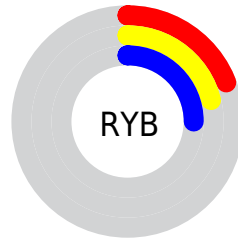
Distribution



Red (19%)

Green (23%)

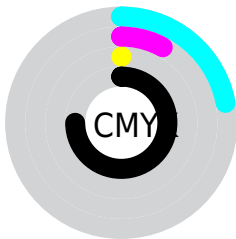
Blue (25%)



Red (19%)

Yellow (21%)

Blue (25%)

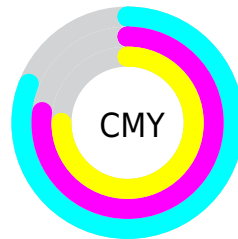


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (75%)



Cyan (81%)

Magenta (77%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0947, -2.5041, -1.5368 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 20.0947, -2.5041, -1.5368 by changing the saturation by 10% instead.

■ 20.0947, -2.5041,
-1.5368

■ 20.0947, -2.5041,
-1.5368

■ 118.3615, -8.9320,
1.8943

■ 13.0189, -1.9278,
-1.6151

■ 37.0112, -3.7394,
-1.1430

■ 6.4836, -1.9826,
-2.4315

■ 46.6734, -4.3998,
-0.8506

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.0550, -5.0884,
-0.5041

0.0000, NaN, NaN

■ 68.1093, -5.8046,
-0.1085

0.0000, NaN, NaN

■ 79.7976, -6.5478,
0.3321

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.0872, -7.3172,

0.8145

0.0000, NaN, NaN

104.9500, -8.1122,
1.3360

■ 20.0947, -2.5041,
-1.5368

■ 20.0947, -2.5041,
-1.5368

■ 19.1582, -2.9373,
-2.7999

■ 21.0659, -1.9689,
-0.2895

■ 18.2577, -3.2568,
-4.0782

■ 22.0684, -1.3408,
0.9405

■ 17.3960, -3.4517,
-5.3691

■ 23.1004, -0.6292,
2.1533

■ 16.5756, -3.5108,
-6.6689

■ 24.1600, 0.1576,
3.3494

■ 15.7990, -3.4236,
-7.9728

■ 25.2454, 1.0122,
4.5293

■ 15.0682, -3.1812,
-9.2747

■ 26.3549, 1.9280,
5.6940

■ 14.3684, -2.8383,
-10.6012

■ 27.4872, 2.8991,
6.8445

■ 13.8227, -2.5839,
-11.6991

■ 28.6407, 3.9206,
7.9817

■ 29.8143, 4.9877,
9.1068

Harmonies

Analogous

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



20.0951, -3.5655, -0.4096



20.0947, -2.5041, -1.5368



20.0951, -1.0321, -1.9466

Triad

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



20.0951, -2.5044, -1.5365



20.0951, 1.9887, 1.1330



20.0951, -2.5737, 3.3761

Complementary

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



20.0947, -2.5041, -1.5368



19.7911, 0.7524, 3.5030

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.



20.0951, -1.1145, 3.7228



20.0947, -2.5041, -1.5368



20.0951, 1.5466, 2.4894

Square

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



20.0951, -2.5044, -1.5365



20.0951, 1.5899, -0.3366



20.0951, 0.3990, 3.4106



20.0951, -3.6047, 2.4263

Rectangle

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



20.0947, -2.5041, -1.5368



20.0951, -0.0062, -1.7357



20.0951, 0.3990, 3.4106



20.0951, -2.1185, 3.5637

Sweetspot

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



20.0951, -2.5044, -1.5365



27.9431, -2.1662, 0.4117



21.1506, -5.7222, 3.1835



14.3355, -1.1102, 0.2132



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.



20.0951, -2.5044, -1.5365



25.3226, -3.5973, -2.9635



18.4075, 0.2929, -3.7995



11.1404, -0.9029, 0.0959



20.2871, -3.0639, -18.7429



49.7997, -4.9536, -51.5519

Inverse Universe

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



18.8653, 4.0008, -0.8865



23.3525, 7.0236, -1.8162



21.4602, -2.0574, 5.1595



10.8868, 0.3876, 0.2041



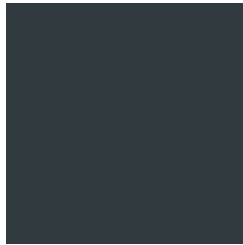
16.5272, 30.3197, -4.9510



41.8066, 76.3119, -9.5494

Previews

White Background



This preview shows how the HunterLab color 20.0947, -2.5041, -1.5368 looks on a white background.

Color Contrast Check

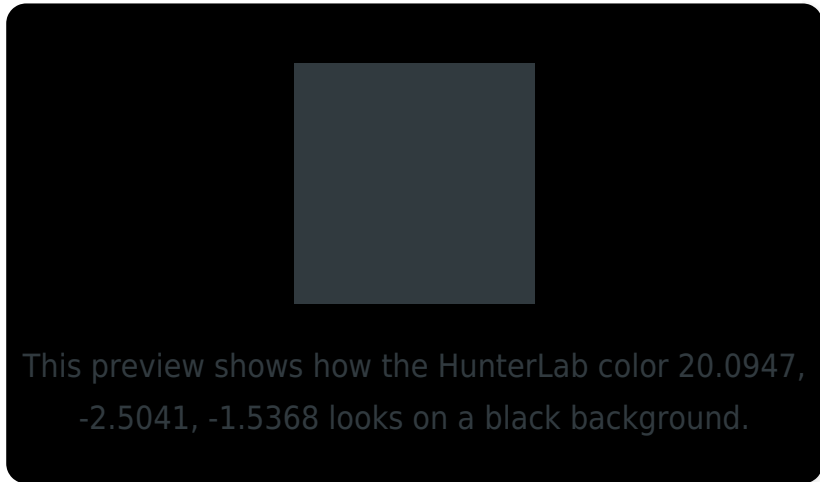
Large Text (above 18pt) WCAG AA ✓ Pass

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

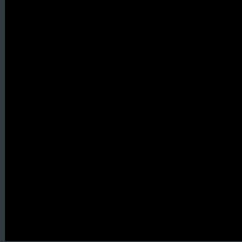
Any Text WCAG AA × Fail

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 20.0947, -2.5041, -1.5368 Background



This preview shows how black text looks on a background with the HunterLab color 20.0947, -2.5041, -1.5368.



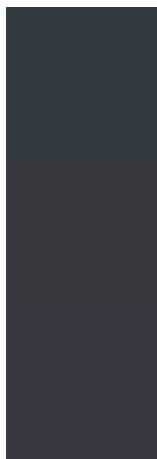
This preview shows how white text looks on a background with the HunterLab color 20.0947, -2.5041, -1.5368.

-1.5368.

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

20.0947, -2.5041, -1.5368

Protanopia

20.0422, -0.2100, -1.1358

Deuteranopia

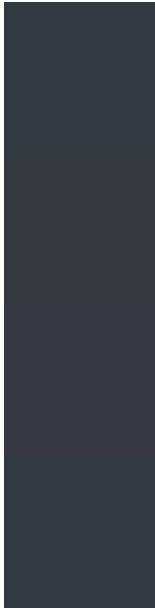
20.0807, 1.2618, -1.9257



Tritanopia

20.0947, -2.5041, -1.5368

Trichromacy



Original Color

20.0947, -2.5041, -1.5368

Protanomaly

20.0772, -1.3432, -1.1106

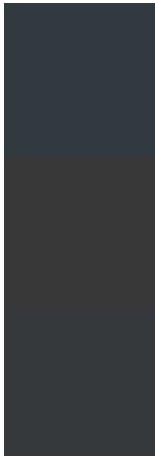
Deuteranomaly

20.0268, -0.1512, -2.0222

Tritanomaly

20.0947, -2.5041, -1.5368

Monochromacy



Original Color

20.0947, -2.5041, -1.5368

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.9973, -1.7830, 0.0232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0947, -2.5041, -1.5368 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(49, 58, 63)` looks like.

```
.text, #text, p{  
    color:rgb(49, 58, 63)  
}
```

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(49, 58, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 58, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0947, -2.5041, -1.5368 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(49, 58, 63) }
```


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

```
.border{ border-color:rgb(49, 58, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 58, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 58, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 58, 63);  
box-shadow:4px 4px 4px 4px rgb(49, 58, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0947, -2.5041, -1.5368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 58, 63) }
```

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

```
.background{ background-color: rgb(49, 58,  
63) }
```

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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