

Converting Colors

HunterLab(20.5069, -5.1999,
6.3380)

Have a look what the booklet for
HunterLab(20.5069, -5.1999, 6.3380)
contains.

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Color

**HunterLab(20.3857, -5.0112,
6.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	353C2A
RGB	53, 60, 42
RGB Percent	21%, 24%, 16%
CMY	0.7922, 0.7647, 0.8353
CMYK	0.12, 0.00, 0.30, 0.76
HSL	83°, 18%, 20%
HSV	83°, 30%, 24%
XYZ	3.5020, 4.1558, 2.8081
YIQ	55.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

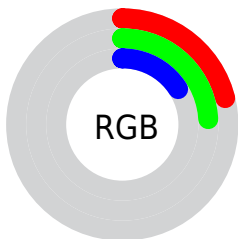
Format	Color
R_{YB}	42, 60, 49
Decimal	3488810
CIE _{Lab}	24.18, -6.81, 10.19
CIE _{LCh}	24, 12.254, 123.773
Yxy	4.1559, 0.3346, 0.3971
Android (android.graphics.Color)	4281678890 (0xFF353C2A)
YUV	55.8550, -6.8305, -2.5038
Hunter-Lab	20.3857, -5.0112, 6.1030

Details

The HunterLab color **20.3857, -5.0112, 6.1030** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.2335, 3.5932, -5.5485**, and the grayscale version is **19.8593, -1.0596, 1.0790**.

A 20% lighter version of the original color is **37.2999, -6.7309, 8.5335**, and **6.8654, -4.4376, 4.1527** is the 20% darker color. If you saturate the color by 10%, you get **20.1356, -6.1350, 7.3854**, and if you desaturate by 10%, it is **20.6567, -3.8017, 4.6356**.

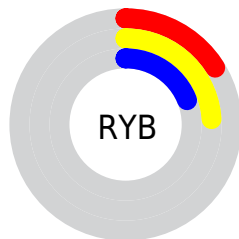
Distribution



Red (21%)

Green (24%)

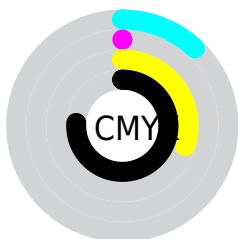
Blue (16%)



Red (16%)

Yellow (24%)

Blue (19%)

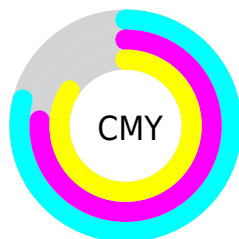


Cyan (12%)

Magenta (0%)

Yellow (30%)

Black (76%)



Cyan (79%)

Magenta (76%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3857, -5.0112, 6.1030 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 20.3857, -5.0112, 6.1030 by changing the saturation by 10% instead.

■ 20.3857, -5.0112,
6.1030

■ 20.3857, -5.0112,
6.1030

■ 118.8863,
-13.6072, 16.4537

■ 13.2709, -4.0640,
4.8330

■ 37.3677, -6.8606,
8.4641

■ 6.8029, -4.7268,
4.7621

■ 47.0584, -7.7867,
9.6061

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.4666, -8.7218,
10.7394

0.0000, NaN, NaN

■ 68.5459, -9.6689,
11.8709

0.0000, NaN, NaN

■ 80.2578, -10.6299,
13.0053

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.5699, -11.6062,

14.1458

0.0000, NaN, NaN

105.4542,
-12.5984, 15.2947

20.3857, -5.0112,
6.1030

20.3857, -5.0112,
6.1030

20.1356, -6.1350,
7.3854

20.6567, -3.8017,
4.6356

19.9051, -7.1693,
8.4812

20.9472, -2.5081,
2.9850

19.6943, -8.1130,
9.3919

21.2576, -1.1344,
1.1551

19.5029, -8.9654,
10.1209

21.5876, 0.3156,
-0.8489

19.3305, -9.7271,
10.6743

21.9370, 1.8376,
-3.0212

■ 19.1737, -10.4157,
11.0997

■ 22.3055, 3.4272,
-5.3550

■ 19.0237, -11.0829,
11.5283

■ 22.6926, 5.0802,
-7.8433

■ 23.0980, 6.7920,
-10.4785

■ 23.5212, 8.5582,
-13.2528

Harmonies

Analogous

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



20.3861, -1.5698, 6.9208



20.3857, -5.0112, 6.1030



20.3861, -7.2655, 3.9610

Triad

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



20.3861, -5.0117, 6.1032



20.3861, -4.2329, -6.2020



20.3861, 6.7663, 1.5640

Complementary

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



20.3857, -5.0112, 6.1030



16.2335, 3.5932, -5.5485

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.



20.3861, 5.9239, -2.2242



20.3857, -5.0112, 6.1030



20.3861, -0.6034, -7.1615

Square

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



20.3861, -5.0117, 6.1032



20.3861, -6.8396, -3.1670



20.3861, 3.1551, -5.5911



20.3861, 5.3798, 4.6228

Rectangle

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



20.3857, -5.0112, 6.1030



20.3861, -7.8859, 1.8527



20.3861, 3.1551, -5.5911



20.3861, 6.7349, 0.3376

Sweetspot

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



20.3861, -5.0117, 6.1032



27.5941, -3.2009, 3.7979



18.2105, 1.2201, 4.1106



14.6074, -1.7584, 2.0938



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.



20.3861, -5.0117, 6.1032



26.5761, -7.7484, 9.3579



19.8413, -7.0411, 5.5570



11.4372, -1.2539, 1.4789



29.9282, -18.0279, 18.1260



75.7367, -47.3068, 45.8404

Inverse Universe

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



16.2335, 3.5932, -5.5485



19.7752, 6.4147, -9.9090



16.9671, 5.8963, -4.3810



10.7842, 0.0899, -0.3293



10.9644, 26.2048, -50.4948



26.9407, 65.6824, -134.1058

Previews

White Background



This preview shows how the HunterLab color 20.3857, -5.0112, 6.1030 looks on a white background.

Color Contrast Check

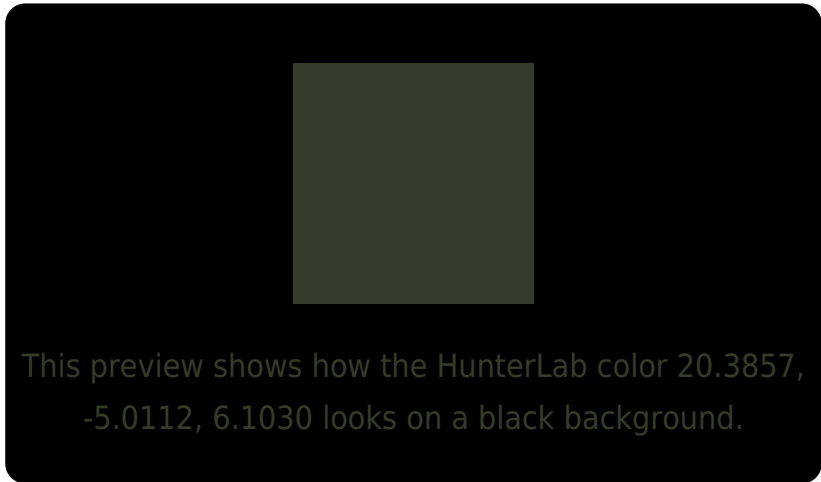
Large Text (above 18pt) WCAG AA ✓ Pass

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

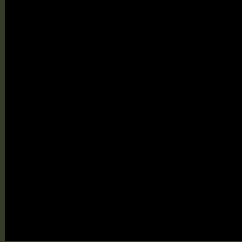
Any Text WCAG AA × Fail

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 20.3857, -5.0112, 6.1030 Background



This preview shows how black text looks on a background with the HunterLab color 20.3857, -5.0112, 6.1030.

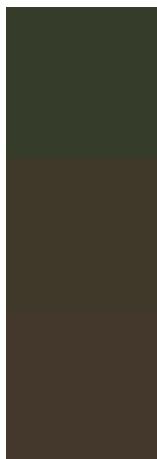


This preview shows how white text looks on a background with the HunterLab color 20.3857, -5.0112, 6.1030.

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

20.3857, -5.0112, 6.1030

Protanopia

20.2743, -1.5840, 6.3304

Deuteranopia

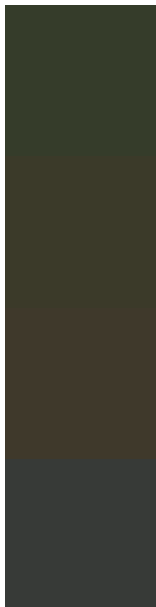
20.3365, 1.1541, 5.8882



Tritanopia

20.2850, -0.6213, -0.8320

Trichromacy



Original Color

20.3857, -5.0112, 6.1030

Protanomaly

20.2880, -2.8012, 6.3216

Deuteranomaly

20.3898, -1.1104, 5.8988

Tritanomaly

20.2834, -2.2468, 1.8940

Monochromacy



Original Color

20.3857, -5.0112, 6.1030

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.9437, -2.3565, 2.9370

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3857, -5.0112, 6.1030 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(53, 60, 42)` looks like.

```
.text, #text, p{  
    color:rgb(53, 60, 42)  
}
```

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(53, 60, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 60, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3857, -5.0112, 6.1030 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(53, 60, 42) }
```


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

```
.border{ border-color:rgb(53, 60, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 60, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 60, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 60, 42);  
box-shadow:4px 4px 4px 4px rgb(53, 60, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3857, -5.0112, 6.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 60, 42) }
```

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

```
.background{ background-color: rgb(53, 60,  
42) }
```

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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