

Converting Colors

HunterLab(20.3735, -7.3665,
6.9661)

Have a look what the booklet for
HunterLab(20.3735, -7.3665, 6.9661)
contains.

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Color

**HunterLab(20.4683, -7.5227,
7.1691)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3E26
RGB	47, 62, 38
RGB Percent	18%, 24%, 15%
CMY	0.8157, 0.7569, 0.8510
CMYK	0.24, 0.00, 0.39, 0.76
HSL	98°, 24%, 20%
HSV	98°, 39%, 24%
XYZ	3.2448, 4.1895, 2.4714
YIQ	54.7790, -1.2360, -10.6440

Conversions

Conversions Part 2

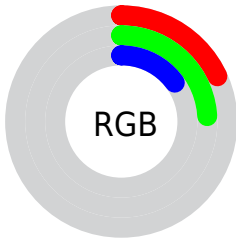
Format	Color
R_{YB}	38, 62, 53
Decimal	3096102
CIE _{Lab}	24.29, -11.46, 12.84
CIE _{LCh}	24, 17.206, 131.751
Yxy	4.1897, 0.3276, 0.4229
Android (android.graphics.Color)	4281286182 (0xFF2F3E26)
YUV	54.7790, -8.2720, -6.8222
Hunter-Lab	20.4683, -7.5227, 7.1691

Details

The HunterLab color **20.4683, -7.5227, 7.1691** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.7830, 6.6592, -7.2791**, and the grayscale version is **19.4987, -1.0404, 1.0594**.

A 20% lighter version of the original color is **37.5547, -10.3405, 10.0400**, and **7.0733, -6.0653, 4.2523** is the 20% darker color. If you saturate the color by 10%, you get **20.1616, -8.8800, 8.2912**, and if you desaturate by 10%, it is **20.8071, -6.0427, 5.8689**.

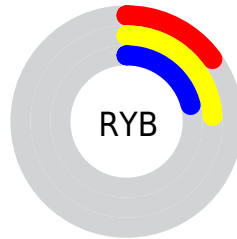
Distribution



Red (18%)

Green (24%)

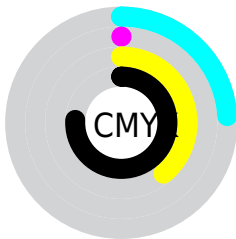
Blue (15%)



Red (15%)

Yellow (24%)

Blue (21%)

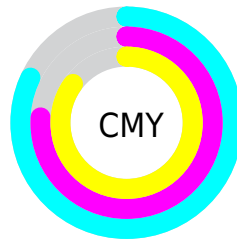


Cyan (24%)

Magenta (0%)

Yellow (39%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4683, -7.5227, 7.1691 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 20.4683, -7.5227, 7.1691 by changing the saturation by 10% instead.

■ 20.4683, -7.5227,
7.1691

■ 20.4683, -7.5227,
7.1691

■ 119.0349,
-18.4677, 18.9142

■ 13.3425, -6.1646,
5.6739

■ 37.4687, -10.0441,
9.9395

■ 6.8906, -7.6134,
4.8234

■ 47.1675, -11.2589,
11.2545

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.5833, -12.4609,
12.5463

0.0000, NaN, NaN

■ 68.6696, -13.6573,
13.8247

0.0000, NaN, NaN

■ 80.3882, -14.8531,
15.0965

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7066, -16.0519,

105.5969,
-17.2561, 17.6383

20.4683, -7.5227,
7.1691

20.4683, -7.5227,
7.1691

20.1616, -8.8800,
8.2912

20.8071, -6.0427,
5.8689

19.8858, -10.1073,
9.2321

21.1764, -4.4456,
4.3946

19.6411, -11.2009,
9.9923

21.5761, -2.7395,
2.7529

19.4270, -12.1582,
10.5752

22.0057, -0.9327,
0.9515

19.2415, -12.9880,
11.0098

22.4644, 0.9665,
-1.0010

■ 19.0743, -13.7484,
11.4414

■ 22.9514, 2.9496,
-3.0953

■ 19.0539, -13.8421,
11.4986

■ 23.4658, 5.0084,
-5.3219

■ 24.0067, 7.1350,
-7.6711

■ 24.5731, 9.3219,
-10.1334

Harmonies

Analogous

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



20.4687, -3.1533, 8.5846



20.4683, -7.5227, 7.1691



20.4687, -10.0027, 3.9566

Triad

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



20.4687, -7.5232, 7.1693



20.4687, -4.2263, -10.5767



20.4687, 10.0244, 3.0148

Complementary

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



20.4683, -7.5227, 7.1691



15.7830, 6.6592, -7.2791

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.



20.4687, 9.6609, -2.2052



20.4683, -7.5227, 7.1691



20.4687, 1.0517, -11.0187

Square

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



20.4687, -7.5232, 7.1693



20.4687, -8.2387, -6.5621



20.4687, 6.2436, -7.6483



20.4687, 7.1906, 6.6335

Rectangle

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



20.4683, -7.5227, 7.1691



20.4687, -10.4224, 0.8118



20.4687, 6.2436, -7.6483



20.4687, 10.2794, 1.4120

Sweetspot

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



20.4687, -7.5232, 7.1693



28.2047, -4.4879, 4.4821



19.2152, -0.1786, 6.1789



14.4621, -2.3275, 2.3237



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.



20.4687, -7.5232, 7.1693



26.5715, -11.5947, 10.8392



20.0405, -9.0729, 6.0374



11.3910, -1.4175, 1.4251



29.0375, -21.6783, 17.5133



73.4917, -56.5587, 44.2951

Inverse Universe

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



15.7830, 6.6592, -7.2791



19.0295, 11.3651, -12.6987



16.5176, 8.6418, -4.6213



10.8330, 0.2564, -0.2648



13.2039, 28.7801, -39.2819



32.7507, 72.1648, -103.4728

Previews

White Background



This preview shows how the HunterLab color 20.4683, -7.5227, 7.1691 looks on a white background.

Color Contrast Check

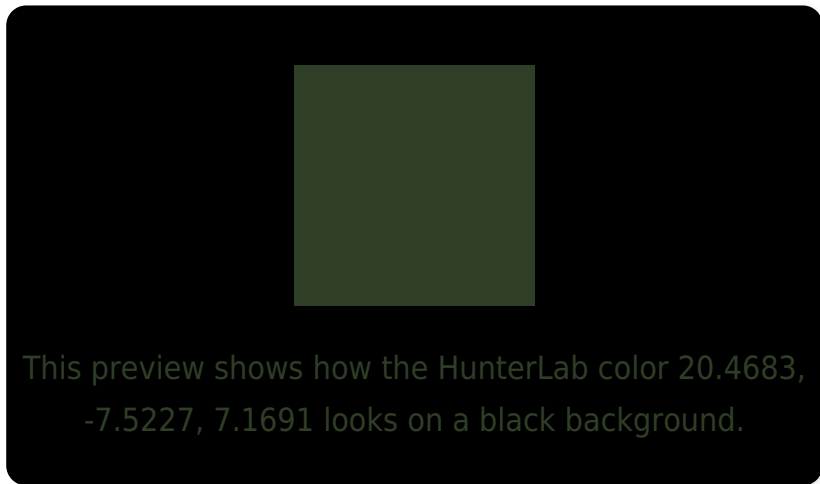
Large Text (above 18pt) WCAG AA ✓ Pass

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

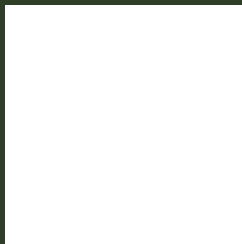
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 20.4683, -7.5227, 7.1691 Background



This preview shows how black text looks on a background with the HunterLab color 20.4683, -7.5227, 7.1691.

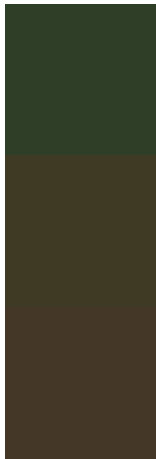


This preview shows how white text looks on a background with the HunterLab color 20.4683, -7.5227, 7.1691.

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

20.4683, -7.5227, 7.1691

Protanopia

20.5189, -2.1427, 7.7833

Deuteranopia

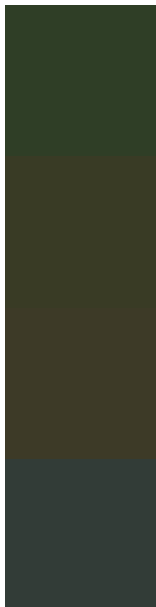
20.3735, 1.1743, 6.7325



Tritanopia

20.4985, -2.3067, -1.4388

Trichromacy



Original Color

20.4683, -7.5227, 7.1691

Protanomaly

20.3257, -4.0846, 7.3476

Deuteranomaly

20.4076, -2.4430, 6.9557

Tritanomaly

20.4589, -4.2119, 2.0583

Monochromacy



Original Color

20.4683, -7.5227, 7.1691

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.9447, -3.7260, 3.5867

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4683, -7.5227, 7.1691 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(47, 62, 38)` looks like.

```
.text, #text, p{  
    color:rgb(47, 62, 38)  
}
```

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(47, 62, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 62, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4683, -7.5227, 7.1691 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(47, 62, 38) }
```


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

```
.border{ border-color:rgb(47, 62, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 62, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 62, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 62, 38);  
box-shadow:4px 4px 4px 4px rgb(47, 62, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4683, -7.5227, 7.1691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 62, 38) }
```

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

```
.background{ background-color: rgb(47, 62,  
38) }
```

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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