

Converting Colors

HunterLab(36.8340, -20.3567,
3.3452)

Have a look what the booklet for
HunterLab(36.8340, -20.3567,
3.3452) contains.

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Color

**HunterLab(36.7691,
-20.2853, 3.2673)**

Conversions

Conversions Part 1

Format	Color
Hex	237363
RGB	35, 115, 99
RGB Percent	14%, 45%, 39%
CMY	0.8627, 0.5490, 0.6118
CMYK	0.70, 0.00, 0.14, 0.55
HSL	168°, 53%, 29%
HSV	168°, 70%, 45%
XYZ	9.0760, 13.5197, 13.9356
YIQ	89.2560, -42.5440, -21.9360

Conversions

Conversions Part 2

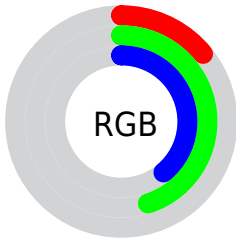
Format	Color
RYB	35, 79, 115
Decimal	2323299
CIELab	43.54, -28.08, 1.86
CIElCh	44, 28.146, 176.214
Yxy	13.5202, 0.2484, 0.3701
Android (android.graphics.Color)	4280513379 (0xFF237363)
YUV	89.2560, 4.8038, -47.5825
Hunter-Lab	36.7691, -20.2853, 3.2673

Details

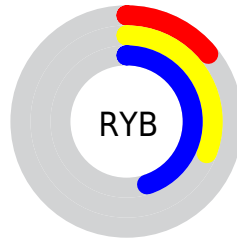
The HunterLab color **36.7691, -20.2853, 3.2673** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.5528, 25.9818, 6.1167**, and the grayscale version is **31.6960, -1.6912, 1.7221**.

A 20% lighter version of the original color is **56.6247, -24.5780, 4.2493**, and **20.3801, -12.9733, 2.5323** is the 20% darker color. If you saturate the color by 10%, you get **36.4796, -21.5639, 3.8388**, and if you desaturate by 10%, it is **37.1484, -18.6686, 2.7899**.

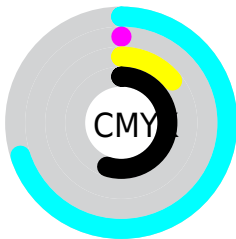
Distribution



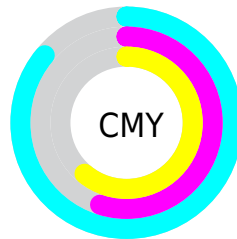
- Red (14%)
- Green (45%)
- Blue (39%)



- Red (14%)
- Yellow (31%)
- Blue (45%)



- Cyan (70%)
- Magenta (0%)
- Yellow (14%)
- Black (55%)



- Cyan (86%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7691, -20.2853, 3.2673 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 36.7691, -20.2853, 3.2673 by changing the saturation by 10% instead.

■ 36.7691, -20.2853,
3.2673

■ 36.7691, -20.2853,
3.2673

146.3643,
-38.8830, 9.9959

■ 27.9065, -17.8232,
2.6698

■ 56.7761, -24.8189,
4.5607

■ 19.8983, -15.1537,
2.1055

■ 67.8134, -26.9554,
5.2536

■ 12.8487, -12.2215,
1.5749

■ 79.4856, -29.0321,
5.9759

■ 6.2574, -10.9504,
1.5719

■ 91.7600, -31.0621,
6.7266

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.6082,
-33.0553, 7.5048

0.0000, NaN, NaN

■ 118.0057,

0.0000, NaN, NaN

-35.0194, 8.3096

0.0000, NaN, NaN

131.9308,
-36.9604, 9.1402

■ 36.7691, -20.2853,
3.2673

■ 36.7691, -20.2853,
3.2673

■ 36.4796, -21.5639,
3.8388

■ 37.1484, -18.6686,
2.7899

■ 36.2705, -22.5226,
4.4904

■ 37.6205, -16.7057,
2.4155

■ 36.1104, -23.2850,
5.1810

■ 38.1893, -14.3995,
2.1518

■ 36.1035, -23.3181,
5.2109

■ 38.8568, -11.7611,
2.0034

■ 39.6233, -8.8078,
1.9726

■ 40.4884, -5.5624,
2.0591

■ 41.4503, -2.0505,
2.2609

■ 42.5067, 1.7001,
2.5740

■ 43.6547, 5.6614,
2.9935

Harmonies

Analogous

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



36.7698, -17.5157, 11.2883



36.7691, -20.2853, 3.2673



36.7698, -18.6264, -7.7103

Triad

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



36.7698, -20.2855, 3.2677



36.7698, 7.5492, -20.1789



36.7698, 10.1610, 14.8125

Complementary

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



36.7691, -20.2853, 3.2673



22.5528, 25.9818, 6.1167

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.



36.7698, 18.3226, 9.6240



36.7691, -20.2853, 3.2673



36.7698, 16.6980, -10.5967

Square

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



36.7698, -20.2855, 3.2677



36.7698, -3.3096, -23.2985



36.7698, 20.8406, 0.6885



36.7698, -0.5986, 16.6404

Rectangle

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



36.7691, -20.2853, 3.2673



36.7698, -15.1167, -15.0692



36.7698, 20.8406, 0.6885



36.7698, 13.3448, 13.4915

Sweetspot

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



36.7698, -20.2855, 3.2677



52.8071, -12.6045, 2.6353



36.2248, -24.6234, 19.2874



25.6821, -6.5800, 1.2883



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.7698, -20.2855, 3.2677



48.6451, -29.6268, 5.6149



30.5088, -8.6659, -12.8744



20.3552, -2.7067, 1.0378



38.5977, -24.9554, 5.6279



85.1324, -55.5303, 13.4658

Inverse Universe

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



22.5528, 25.9818, 6.1167



27.3534, 40.9365, 10.8943



25.9986, 15.4044, 12.6630



19.2659, 0.6688, 1.1587



20.5787, 35.5719, 10.7370



45.3163, 78.1134, 25.3454

Previews

White Background



This preview shows how the HunterLab color 36.7691, -20.2853, 3.2673 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 × Fail

Black Background



This preview shows how the HunterLab color 36.7691, -20.2853, 3.2673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

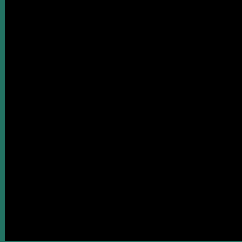
Any Text WCAG AA × Fail

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 36.7691, -20.2853, 3.2673 Background



This preview shows how black text looks on a background with the HunterLab color 36.7691, -20.2853, 3.2673.



This preview shows how white text looks on a background with the HunterLab color 36.7691, -20.2853, 3.2673.

-20.2853, 3.2673.

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

36.7691, -20.2853, 3.2673

Protanopia

36.6077, -1.9111, 6.1252

Deuteranopia

36.5072, 2.3264, 2.1212



Tritanopia

36.8099, -14.1205, -6.7015

Trichromacy



Original Color

36.7691, -20.2853, 3.2673

Protanomaly

36.1814, -10.4474, 4.3707

Deuteranomaly

35.9549, -8.0296, 1.7122

Tritanomaly

36.7352, -16.4701, -2.8672

Monochromacy



Original Color

36.7691, -20.2853, 3.2673

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.8495, -9.6809, 1.3808

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7691, -20.2853, 3.2673 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(35, 115, 99)` looks like.

```
.text, #text, p{  
    color:rgb(35, 115, 99)  
}
```

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(35, 115, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 115, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7691, -20.2853, 3.2673 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(35, 115, 99) }
```


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

```
.border{ border-color:rgb(35, 115, 99) }
```

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

Here you see how a box with a 4 pixel rgb(35, 115, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 115, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 115, 99);  
box-shadow:4px 4px 4px 4px rgb(35, 115,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7691, -20.2853, 3.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 115, 99) }
```

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

```
.background{ background-color: rgb(35, 115,  
99) }
```

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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