

Converting Colors

HunterLab(30.1373, -7.5634,
-12.2853)

Have a look what the booklet for
HunterLab(30.1373, -7.5634,
-12.2853) contains.

HunterLab(30.2765, -7.7254, -12.0729)	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(30.2765, -7.7254,
-12.0729)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5B71
RGB	42, 91, 113
RGB Percent	16%, 36%, 44%
CMY	0.8353, 0.6431, 0.5569
CMYK	0.63, 0.19, 0.00, 0.56
HSL	199°, 46%, 30%
HSV	199°, 63%, 44%
XYZ	7.6766, 9.1667, 16.9875
YIQ	78.8570, -36.2660, -3.5460

Conversions

Conversions Part 2

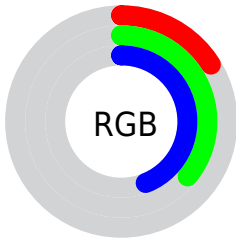
Format	Color
R _Y B	42, 71, 113
Decimal	2775921
CIE Lab	36.30, -9.32, -17.49
CIE LCh	36, 19.816, 241.958
Yxy	9.1670, 0.2269, 0.2710
Android (android.graphics.Color)	4280966001 (0xFF2A5B71)
YUV	78.8570, 16.8325, -32.3236
Hunter-Lab	30.2765, -7.7254, -12.0729




Details

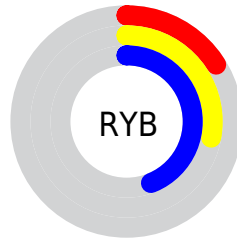
The HunterLab color **30.2765, -7.7254, -12.0729** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27.1018, 12.2546, 12.1217**, and the grayscale version is **27.8618, -1.4866, 1.5138**.




A 20% lighter version of the original color is **49.1927, -9.7574, -12.7625**, and **15.0281, -3.8202, -10.5371** is the 20% darker color. If you saturate the color by 10%, you get **28.9424, -7.5656, -14.3028**, and if you desaturate by 10%, it is **31.7058, -7.5608, -9.8105**.

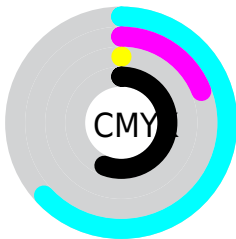
Distribution







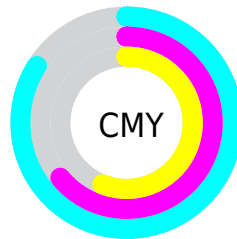
-  Red (16%)
-  Green (36%)
-  Blue (44%)






-  Red (16%)
-  Yellow (28%)
-  Blue (44%)



-  Cyan (63%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (84%)
-  Magenta (64%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2765, -7.7254, -12.0729 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 30.2765, -7.7254, -12.0729 by changing the saturation by 10% instead.

■ 30.2765, -7.7254,
-12.0729

■ 30.2765, -7.7254,
-12.0729

■ 135.8745,
-17.6019, -12.7310

■ 22.0233, -6.6155,
-11.6772

■ 49.2102, -9.8937,
-12.6559

■ 14.6958, -5.4619,
-11.2376

■ 59.7645, -10.9720,
-12.8429

■ 8.3539, -5.3054,
-11.0657

■ 70.9811, -12.0539,
-12.9648

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.8230, -13.1425,
-13.0256

0.0000, NaN, NaN

■ 95.2588, -14.2402,
-13.0292

0.0000, NaN, NaN

■ 108.2613,

0.0000, NaN, NaN

-15.3486, -12.9793

0.0000, NaN, NaN

121.8069,
-16.4689, -12.8789

■ 30.2765, -7.7254,
-12.0729

■ 30.2765, -7.7254,
-12.0729

■ 28.9424, -7.5656,
-14.3028

■ 31.7058, -7.5608,
-9.8105

■ 27.7042, -7.0703,
-16.4875

■ 33.2247, -7.0903,
-7.5307

■ 26.5611, -6.2453,
-18.6162

■ 34.8292, -6.3365,
-5.2445

■ 25.7664, -5.5754,
-20.1699

■ 36.5143, -5.3235,
-2.9610

■ 38.2751, -4.0757,
-0.6872

■ 40.1065, -2.6164,
1.5720

■ 42.0039, -0.9672,
3.8132

■ 43.9628, 0.8521,
6.0348

■ 45.9791, 2.8238,
8.2357

Harmonies

Analogous

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



30.2771, -12.2735, -5.9958



30.2765, -7.7254, -12.0729



30.2771, -1.1530, -14.2644

Triad

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



30.2771, -7.7254, -12.0723



30.2771, 13.1439, 2.0850



30.2771, -8.4580, 10.6687

Complementary

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



30.2765, -7.7254, -12.0729



27.1018, 12.2546, 12.1217

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.



30.2771, -2.0785, 11.9045



30.2765, -7.7254, -12.0729



30.2771, 10.7532, 7.7055

Square

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



30.2771, -7.7254, -12.0723



30.2771, 11.2891, -5.0567



30.2771, 5.0174, 10.9574



30.2771, -12.6685, 7.1013

Rectangle

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



30.2765, -7.7254, -12.0729



30.2771, 3.6159, -12.9031



30.2771, 5.0174, 10.9574



30.2771, -6.5173, 11.3283

Sweetspot

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



30.2771, -7.7254, -12.0723



49.6334, -6.6026, -2.9501



35.5879, -23.3271, 13.6119



23.6195, -3.3449, -1.7447



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



30.2771, -7.7254, -12.0723



38.0215, -9.9020, -20.3691



21.2901, 7.6792, -30.2546



19.1030, -1.7352, 0.0889



27.3772, -5.8402, -21.6117



59.7927, -11.0480, -50.8863

Inverse Universe

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



24.3358, 27.2890, -8.6411



29.6856, 43.4523, -12.4625



35.4458, -3.2557, 18.1199



18.5384, 0.9936, 0.1358



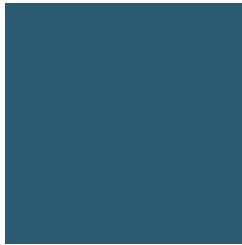
21.4533, 39.6299, -8.5433



47.7147, 87.8513, -16.7526

Previews

White Background



This preview shows how the HunterLab color 30.2765, -7.7254, -12.0729 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



This preview shows how the HunterLab color 30.2765, -7.7254, -12.0729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

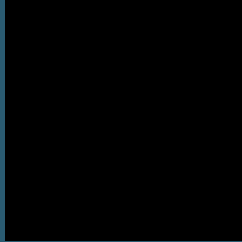
Any Text WCAG AA × Fail

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 30.2765, -7.7254, -12.0729 Background



This preview shows how black text looks on a background with the HunterLab color 30.2765, -7.7254, -12.0729.



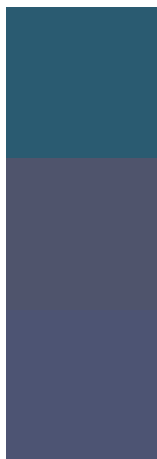
This preview shows how white text looks on a background with the HunterLab color 30.2765, -7.7254, -12.0729.

-12.0729.

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

30.2765, -7.7254, -12.0729

Protanopia

30.1424, 1.1493, -9.3128

Deuteranopia

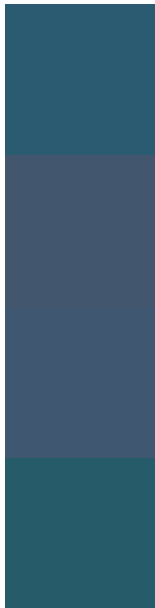
30.2593, 2.0570, -13.0992



Tritanopia

30.2380, -11.6482, -5.7124

Trichromacy



Original Color

30.2765, -7.7254, -12.0729

Protanomaly

30.1669, -2.6778, -10.4514

Deuteranomaly

30.2015, -2.2614, -12.6821

Tritanomaly

30.1435, -10.2554, -7.8925

Monochromacy



Original Color

30.2765, -7.7254, -12.0729

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.4607, -4.4713, -3.1597

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2765, -7.7254, -12.0729 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(42, 91, 113)` looks like.

```
.text, #text, p{  
    color:rgb(42, 91, 113)  
}
```

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(42, 91, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 91, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2765, -7.7254, -12.0729 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(42, 91, 113) }
```


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

```
.border{ border-color:rgb(42, 91, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 91, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 91, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 91, 113);  
box-shadow:4px 4px 4px 4px rgb(42, 91,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.2765, -7.7254, -12.0729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 91, 113) }
```

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

```
.background{ background-color: rgb(42, 91,  
113) }
```

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